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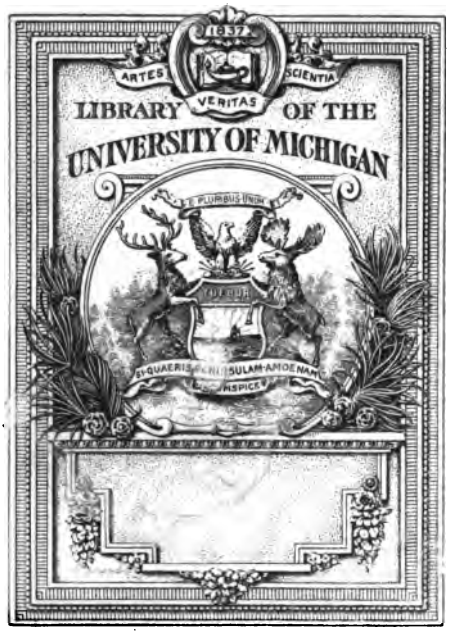
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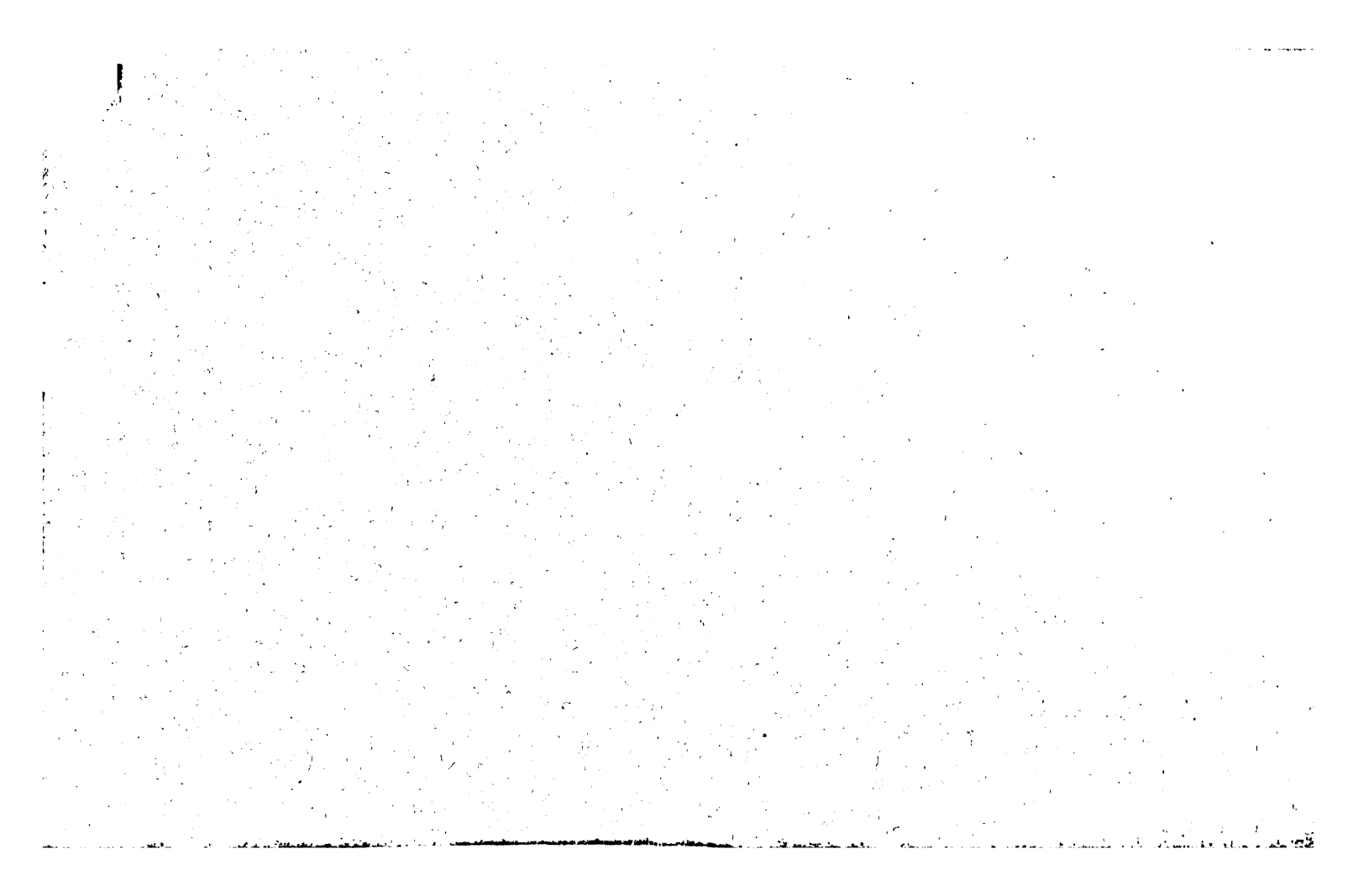

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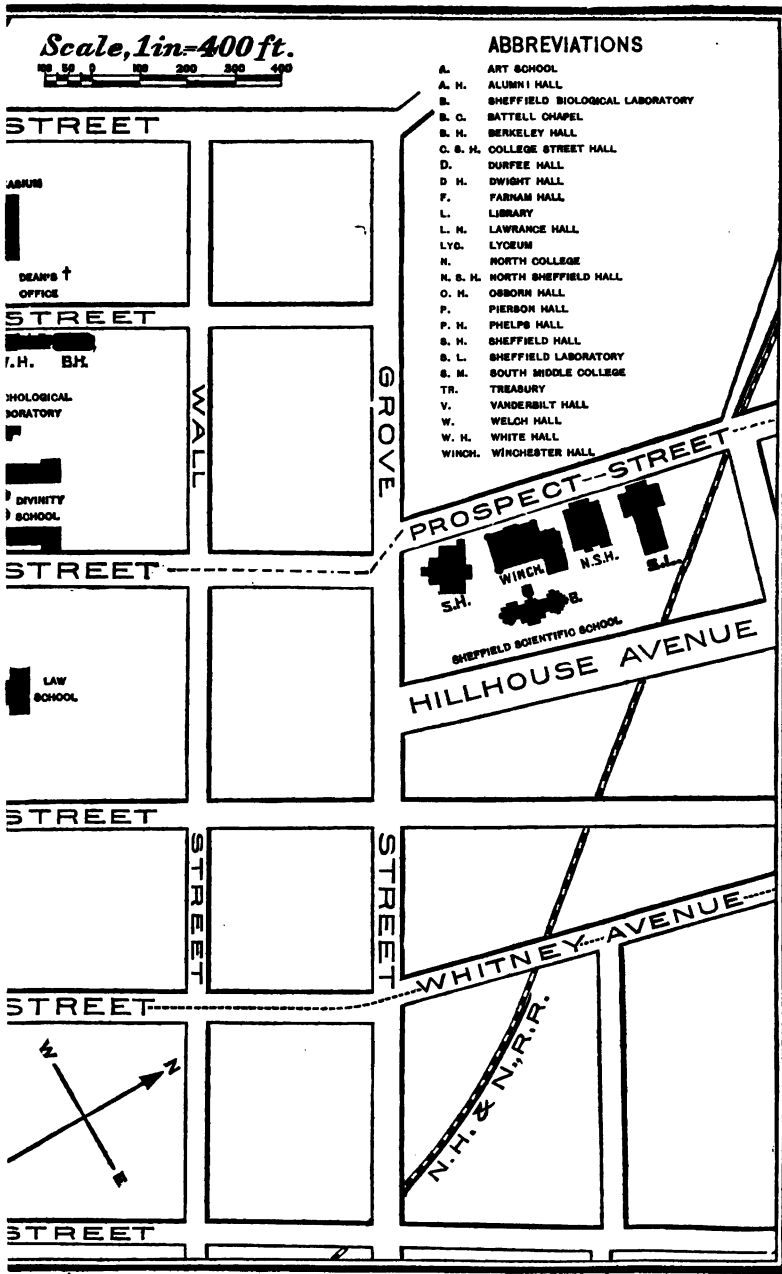


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1896

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## ABBREVIATIONS, OFFICE HOURS, ETC.

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; O., Osborn Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

The College rooms numbered from 1 to 69 are in Vanderbilt Hall; from 70 to 96 in South Middle College; from 97 to 128 in North College; from 129 to 177 in Farnam Hall; from 178 to 185 in the Lyceum; from 201 to 240 in Durfee Hall; from 241 to 282 in Lawrance Hall; from 283 to 330 in Welch Hall; from 331 to 382 in White Hall; from 383 to 422 in Berkeley Hall; from 521 to 600 in Pierson Hall.

The rooms in East Divinity Hall are numbered from 1 to 54; in West Divinity Hall from 55 to 124.

The rooms in Sheffield Hall are numbered from 1 to 21; in North Sheffield Hall from 25 to 58; in the Sheffield Biological Laboratory from 60 to 79; in Winchester Hall, from 100 to 135; in the Sheffield Chemical Laboratory, from 140 to 162.

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THE PRESIDENT is in his room, No. 7 Treasury Building, from 10.30 A. M. to 12 M., every week-day during term-time.

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THE SECRETARY'S office is in the Library, which is open every week-day during term-time, from 9 A. M. to 5 P. M.

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THE DIRECTOR OF THE SHEFFIELD SCIENTIFIC SCHOOL is at No. 3 Sheffield Hall, every week-day during term-time, from 10 A. M. to 12 M.

THE DEAN OF THE MEDICAL SCHOOL is in his room, No. 25, 150 York st., from 10 A. M. to 12 M., every week-day in term-time.

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For Catalogues and general information, address THE SECRETARY OF YALE UNIVERSITY, NEW HAVEN, CONNECTICUT.

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A list of the Graduates of the University is published triennially,—the last edition in 1895; a copy will be supplied to any graduate desiring it, on receipt of the postage (ten cents); copies may be obtained by other persons at cost price, fifty cents, with postage.

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AUDITOR

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# CALENDAR

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| **1896** | | |
| 24 Sept. | Thursday | FIRST TERM begins. |
| 1 Oct. | Thursday | School of the Fine Arts, term begins. |
| 25 Nov. | Wednesday | THANKSGIVING RECESS begins, 1.20 P. M. |
| 27 Nov. | Friday | RECESS ends, 8 A. M. |
| 16 Dec. | Wednesday | FIRST TERM ends. |
| | | **Winter Vacation** |
| **1897** | | |
| 5 Jan. | Tuesday | SECOND TERM begins. |
| 8 April | Thursday | Junior Exhibition. |
| 14 April | Wednesday | SPRING RECESS begins, 1.20 P. M. |
| 22 April | Thursday | RECESS ends, 8 A. M. |
| 1 May | Saturday | John A. Porter Prize Essays due. |
| 6 May | Thursday | Berkeley Scholarship Examination. |
| 17 May | Monday | Woolsey Scholarship Examination begins. |
| 17 May | Monday | Winthrop Prize Examination. |
| 19 May | Wednesday | Anniversary of the Divinity School. |
| 31 May | Monday | School of the Fine Arts, term ends. |
| 25 June | Friday | DeForest Prize Speaking. |
| 26 June | Saturday | Scientific School Class-Day Exercises. |
| 27 June | Sunday | Baccalaureate Sermon. |
| 28 June | Monday | College Class-Day Exercises. |
| 28 June | Monday | Anniversary of the Law School. |
| 29 June | Tuesday | Anniversary Meeting of the Alumni. |
| 29 June | Tuesday | Anniversary of the Medical School. |
| 30 June | Wednesday | COMMENCEMENT. |
| 1 July | Thursday | Examinations for admission begin. |
| | | **Summer Vacation** |
| 27 Sept. | Monday | Examinations for admission begin. |
| 30 Sept. | Thursday | FIRST TERM begins. |
| 1 Oct. | Friday | School of the Fine Arts, term begins. |
| 7 Oct | Thursday | First Term, Medical School, begins. |
| 22 Dec. | Wednesday | FIRST TERM ends. |

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# GOVERNMENT OF THE UNIVERSITY

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN," or "YALE UNIVERSITY;" the powers of this body have been granted and confirmed in the following order.

THE COLLEGIATE SCHOOL OF CONNECTICUT, subsequently named YALE COLLEGE, and now called YALE UNIVERSITY, was founded by the combined action of a few of the ministers in Connecticut, who obtained in October, 1701, a Charter from the Colony Legislature, which runs as follows:—

AN ACT FOR LIBERTY TO ERECT A COLLEGIATE SCHOOL.

WHEREAS several well disposed, and Publick spirited Persons of their sincere regard to & Zeal for upholding & Propagating of the Christian Protestant Religion by a succession of Learned & Orthodox men have expressed by Petition their earnest desires that full Liberty and Priveledge be granted unto certain Undertakers for the founding, suitably endowing & ordering a Collegiate School within his Majtiesa Colony of Connecticot wherin Youth may be instructed in the Arts & Sciences who thorough the blessing of Almighty God may be fitted for Publick employment both in Church & Civil State. To the intent therefore that all due incouragement be Given to such Pious Resolutions and that so necessary & Religious an undertakeing may be sett forward, supported and well managed:—

BE IT ENACTED by the Governr & Company of the sd Colony of Connecticot in General Court now Assembled, And it is enacted & ordained by the Authority of the same that there be & hereby is full Liberty, Right and Priveledge Granted unto the Reverend Mr. James Noyes of Stonnington, Mr. Israel Chauncey of Stratford, Mr. Thomas Buckingham of Saybrook, Mr. Abraham Pierson of Kennelworth, Mr. Samuel Mather of Windsor, Mr. Samuel Andrew of Milford, Mr. Timothy Woodbridge of Hartford, Mr. James Pierpont of New Haven, Mr. Noadiah Russel of Middletown, Mr. Joseph Webb of Fairfield, being Revrd Ministers of the Gospel & inhabitants within ye sd Colony,

proposed to stand as Trustees, Partners or Undertakers for the s^d^ School, to them and their successors, To ERECT, form, direct, order, establish, improve and att all times in all suitable wayes for the future to encourage the s^d^ School in such convenient place or Places, & in such form & manner & under such orders & Rules as to them shall seem meet & most conducive to the afores^d^ end thereof, so as such Rules or Orders be not repugnant to the Laws of the Civil Goverm^t^, as also to employ the moneys or any other estate which shall be Granted by this Court or otherwise Contributed to that use according to their discretion for the benefit of the s^d^ Collegiate School from time to time & att all times henceforward.

And be it further ENACTED by the Authority afores^d^ that the before named Trustees, Partners or Undertakers together with such others as they shall associate to themselves (not exceeding the number of Eleven, or att any time being less than Seven. Provided also that Persons nominated or associated from time to time to fill up s^d^ number be ministers of the gospel inhabiting within this Colony & above the Age of forty years) or the major Part of them, the s^d^ M^r^. James Noyes, [etc.] undertakers, & of such Persons so chosen & associated as aboves^d^ att any time hereafter, HAVE and shall have henceforward the oversight, full & compleat Right, Liberty, power & Priveledge to furnish, direct, manage, order, improve & encourage from time to time & in all times hereafter the s^d^ Collegiate School so Erected & formed by them in such ways, orders & manner & by such Persons, Rector or Master and officers appointed by them, as shall according to their best discretion be most conducible to attaine the afores^d^ mentioned end thereof. . . . . .

It is also further Enacted by the Authority afores^d^ that the s^d^ Undertakers & Partners & their successors be & hereby are further empowered to have, accept, acquire, purchase or otherwise lawfully enter upon Any Lands, Tenements & Hereditam^ts^ to the use of the s^d^ School, not exceeding the value of five hundred Pounds p^r^ Ann̄, & any Goods, Chattels, Sum or Sums of money whatsoever as have heretofore already been Granted, bestowed, bequeathed or given, or as from time to time shall be freely given, bequeathed, devised or settled by any Person or Persons whatsoever upon & to & for the use of y^e^ s^d^ School towards the founding, erecting or endowing the same, & to sue for, Recover & receiv all such Gifts, Legacies, bequests, annuities, Rents, issues & profits arising therefrom & to imploy the same accordingly, & out of y^e^ estate, Revenues, Rents, profits, incoms accrueing & belonging to s^d^ School to support & pay as the s^d^ Undertakers shall agree & see cause, the s^d^ Rector or Master, Tutors, Ushers or other officers their Respective annual Salaries or Allowances. As also for the encouragem^t^ of the Students to grant degrees or Licences as they or those deputed by them shall see cause to order & appoint.

Under this Charter the Collegiate School was begun in November, 1701, at Saybrook, where it continued until its removal to New Haven, in October, 1716. In September, 1718, the name of YALE COLLEGE was given by the Trustees to the School, in honor of the benefactions of ELIHU YALE, of London, lately Governor of the East India Company's settlement at Madras.

In 1723 an "ACT IN EXPLANATION OF AND ADDITION TO THE ACT FOR ERECTING A COLLEGIATE SCHOOL" was passed by the General Assembly, with the following provisions :—

WHEREAS Pursuant to the Powers and Priviledges granted to Certain Trustees for Erecting a Collegiate School in this Colony Entituled an Act for a Collegiate School, the Said Trustees have Erected the said School in the Town of New-Haven which School is now known by the Name of Yale Colledge; And Whereas it appears to this Assembly that an Explanation and Enlargement of the powers and priviledges granted by Said Act is Necessary for the Carrying on the Affairs of the Said Colledge, for want of which it has Laboured under great difficulties very much to the prevention of that Order and good Education which is to be desired there:

Bee it therefore Enacted by the Governour, Council and Representatives in Generall Court assembled and by the Authority of the Same that the Said Act which provides that the Number of the Said Trustees be not under Seven nor above Eleven is not to be Understood or Taken so as to be restrictive of the power of the Said Trustees Never to Choose any person to be a Trustee, when there is of Such persons as have been Chosen and Acted as Trustees Eleven persons Living in the Colony or Elsewhere, but that in Case any person so Chosen be by Providence Incapacitated from attending that Service or shall himself decline the Same thro' the Necessity of his own Affairs or for any other such Reason as he shall Judge requisite, the Trustees in any of their Meetings Lawfully Called may be Understood to have and it is hereby Enacted and declared that they shall be Taken to have full power by the Majority of Such Meeting to proceed to the Choice of Another Trustee in the Room of any such person. And it is hereby further declared and Enacted to be the True Intent and Meaning of the Act afores[d] that the said Trustees shall be Impowered and they are hereby declared to have power to Meet Together for Considering, Advising about and Resolving upon all Matters belonging to the Trust of the Said Colledge committed unto them as afores[d] and to Agree and Conclude, Order and determine Concerning them by the Majority of the

Said Meeting, and by the same Majority to Choose and Appoint a Clerk who shall, in a fair book prepared for that End, Register and Carefully preserve the Acts of all such Meetings.

And WHEREAS it has been doubted what Number of the Said Trustees may be Lookt upon as a Sufficient or full Meeting, Inasmuch as there is not in the afores[d] Act any Express mention made of any Meeting of the said Trustees; It is therefore to prevent all Scruple of that kind for the future hereby provided and declared that due Notice being given to the Trustees by Consent of any three of them of a Meeting of the Trustees desired at any Time or place, and Seven or more of the Trustees present at such Time and place shall be Esteemed a full Meeting. And it is hereby declared and Enacted that in all such Meetings, so Called, or Otherwise as the said Trustees in any such Meeting shall agree, all affairs under the Care of the said Trustees shall be determined by the majority of such meeting.

And WHEREAS it has been found Inconvenient that in the Election of Persons to be Trustees, the Trustees Election by the afores[d] Act should by Limitted and restrained so as that the Person who shall be Chosen must Necessarily be fourty Years of age; It is hereby declared and Enacted that for the future the said Trustees in any Election of a person into that Trust shall not be Esteemed or held Obliged by said Act to Choose such a person as shall be above fourty Years of Age, but may Choose such a person otherwise Qualifyed According to said Act, Provided he is thirty Years of Age. And it is further hereby Allowed, Enacted, Granted and Provided that whosoever shall be Chosen and made a Rector of the said Colledge shall by Virtue thereof become a Trustee of the same and be so Esteemed and Taken during his Continuance in the said Rectorship.

In 1745 a thoroughly revised Charter was granted by the Assembly; the provisions of permanent interest are as follows:—

*An* ACT *for the more full and complete Establishment of* YALE COLLEGE *in* NEW HAVEN, *and for enlarging the Powers and Privileges thereof.*

WHEREAS upon the Petition of several well-disposed and public-spirited Persons expressing their desire that full Liberty and Privilege might be granted unto Certain Undertakers for the founding, suitably endowing and ordering a *Collegiate School*, within this Colony, wherein Youth might be instructed in the Arts and Sciences, the Governor and Company of the said Colony in General Court assembled at *New Haven*, on the Ninth Day of October, in the Year of our Lord 1701, Granted unto the Rev'd Messrs. *James Noyes* [etc.], who were

proposed to stand as Trustees, Partners or Undertakers for the Society, and to their Successors, full Liberty, Right and Privilege to erect, form, direct, order, establish, improve, and at all Times in all suitable Ways to encourage the said School in some convenient Place in this Colony, and granted sundry Powers and Privileges for the attaining the End aforesaid;

*And Whereas* the said Trustees, Partners or Undertakers in pursuance of the aforesaid Grant, Liberty and License, founded a *Collegiate School* at *New Haven*, known by the Name of YALE COLLEGE, which has received the favorable Benefactions of many Liberal and piously disposed Persons, and under the Blessing of Almighty God has trained up many worthy Persons for the Service of God in the State as well as in the Church;

*And Whereas* the General Court of this Colony assembled at *New Haven*, the Tenth day of October, in the Year of our Lord 1723, did explain and enlarge the aforesaid Powers and Privileges granted to the aforesaid Partners, Trustees or Undertakers and their Successors, for the Purpose aforesaid; as by the respective Acts, reference thereto being had, more fully and at large may appear;

*And Whereas* the Rev'd Messrs. *Thomas Clap*, *Samuel Whitman*, *Jared Eliot*, *Ebenezer Williams*, *Jonathan Marsh*, *Samuel Cooke*, *Samuel Whittelsey*, *Joseph Noyes*, *Anthony Stoddard*, *Benjamin Lord*, and *Daniel Wadsworth*, the present Trustees, Partners and Undertakers of the said School, and Successors of those beforementioned, have petitioned, that the said School, with all the Rights, Powers, Privileges and Interests thereof, may be confirmed, and that such other additional Powers and Privileges may be granted as shall be necessary for the Ordering and Managing the said School, in the most advantageous and beneficial Manner for the promoting all good Literature in the present and succeeding Generations:

Therefore,

THE GOVERNOR and COMPANY of his Majesty's said English Colony of *Connecticut* in General Court assembled, this Ninth Day of *May*, in the Year of our Lord 1745, enact, ordain, and declare, and by these Presents it is enacted, ordained and declared—

That the said *Thomas Clap* [etc.], shall be an *Incorporate Society* or *Body Corporate and Politic*, and shall hereafter be called and known by the name of THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN, and that by the same Name they and their Successors shall and may have perpetual Succession, and shall and may be Persons in the Law capable to plead and be impleaded, defend and be defended, and answer and be answered unto; and also to have, take, possess, acquire, purchase or otherwise receive Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates and the same Lands, Tenements,

Hereditaments, Goods, Chattels, or other Estates to grant, demise, lease, use, manage or improve for the Good and benefit of the said *College*, according to the Tenor of the Donation, and their Discretion.

That all Gifts, Grants, Bequests, and Donations of Lands, Tenements, or Hereditaments, of Goods and Chattels heretofore made to or for the Use, Benefit and Advantage of the *Collegiate School* aforesaid, whether the same be expressed to be made to the President or Rector, and to the rest of the Incorporate Society of *Yale College*, or to the Trustees or Undertakers of the *Collegiate School* in *New Haven*, or to the Trustees by any other Name, Style or Title whatsoever, whereby it may be clearly known and understood that the true Intent and Design of such Gifts, Grants, Bequests and Donations, was to or for the Use, Benefit and Advantage of the Collegiate School aforesaid, and to be under the Care and Disposal of the Governors thereof, shall be confirmed, and the same hereby are confirmed, and shall be and remain to, and be vested in the President and Fellows of the *College* aforesaid, and their Successors, as to the true and lawful Successors of the original Grantees.

That the said PRESIDENT AND FELLOWS and their Successors shall and may hereafter have a common Seal, to serve and use for all Causes, Matters and Affairs of them and their Successors, and the same Seal to alter, break and make new as they shall think fit.

That the said THOMAS CLAP shall be, and he is hereby established the present PRESIDENT, and the said *Samuel Whitman* [etc.], shall be, and they are hereby established the present FELLOWS of the said College, and that they and their Successors shall continue in their respective Places during Life, or until they or either of them shall resign, or be removed, or displaced, as in this Act is hereafter expressed.

That there shall be a General Meeting of the *President and Fellows* of said *College*, in the College Library on the second Wednesday of September annually, or at any other Time and Place which they shall see Cause to appoint, to consult, advise and act in and about the Affairs and Business of the said College; and that on any special Emergency, the President and two of the Fellows, or any four of the Fellows, may appoint a Meeting of the said College, provided they give Notice thereof to the Rest by Letters sent and Left with them, or at the Places of their respective Abode, five Days before such Meeting; and that the President and six Fellows, or in Case of the Death, Absence, or Incapacity of the President, seven Fellows, convened as aforesaid (in which Case the eldest Fellow shall preside), shall be deemed a Meeting of the President and Fellows of said College, and that in all the said Meetings, the Major Vote of the Members present shall be deemed the Act of the Whole, and where an Equivote happens, the President shall have a casting Vote.

That the President and Fellows of the said College and their Suc-

cessors, in any of their Meetings assembled as aforesaid, shall and may from Time to Time, as Occasion shall require, elect and appoint a President or Fellow in the Room and Place of any President or Fellow who shall die, resign, or be removed from his office, Place or Trust (whom the said Governor and Company hereby declare, for any Misdemeanor, Unfaithfulness, Default or Incapacity, shall be removable by the President and Fellows of the said College; Six of them, at least, concurring in such Act); and shall have Power to appoint a Scribe or Register, a Treasurer, Tutors, Professors, Steward and all such other Officers and Servants, usually appointed in Colleges or Universities, as they shall find necessary and think fit to appoint for the promoting good Literature, and the well ordering and managing the Affairs of said College; and them or any of them, at their Discretion, to remove; and to prescribe and administer such Forms of Oaths (not being contrary to the Laws of England or of this Colony) as they shall think proper, to be administered to all the Officers and Instructors of the said College, or to such and so many of them as they shall think proper, for the faithful Execution of their respective Places, Offices and Trusts.

That the President and Fellows shall have the Government, Care and Management of the said College and all the Matters and Affairs thereunto belonging, and shall have Power from Time to Time, as Occasion shall require, to make, ordain and establish all such wholesome and reasonable Laws, Rules and Ordinances, not repugnant to the Laws of England, nor the Laws of this Colony, as they shall think fit and proper for the Instruction and Education of the Students, and Ordering, Governing, Ruling and Managing the said College, and all Matters, Affairs, and Things thereunto belonging, and the same to Repeal and alter as they shall think fit.

That the President of said College, with the Consent of the Fellows, shall have Power to give and confer all such Honors, Degrees or Licenses as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.

In 1792 a grant of money from the State of Connecticut was received, upon the condition that certain State officials should become members of the Board of Fellows, as below expressed:—

In case this grant shall be accepted, in manner as hereinafter provided, the Governor, Lieutenant Governor, and six senior assistants in the Council* of this State, for the time being, shall ever hereafter, by virtue of their said offices, be trustees or fellows of said College; and

* Changed in 1819 to the six senior senators.

shall together with the present President and Fellows of said College, and their successors, constitute one corporation, by the name and style mentioned in the charter of said College; and shall have and enjoy the same powers, privileges, and authority, in as full and ample a manner, as though they had been expressly named and included in said charter; And that in case of vacancy, by the death, or resignation, or in any other way, of any of the present Fellows of said College, and their successors, every such vacancy shall forever hereafter be supplied by them, and their successors, by election, in the same manner as though this act had never passed.

In the new Constitution of the State, adopted in 1818, the privileges conferred by the Charter were reaffirmed, as follows:—

ARTICLE VIII, SECT. I.

The charter of Yale College, as modified by agreement with the Corporation thereof, in pursuance of an Act of the General Assembly, passed in May, 1792, is hereby confirmed.

In 1872, at the request of the Corporation, an Act was passed by the General Assembly, providing (as follows) for the substitution of graduates in the place of the six senators among the Fellows:—

SECTION 1.—All graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, on the day next preceding the public commencement day of said College, in the year of our Lord 1872, cast their votes, under such regulations as the President and Fellows may prescribe, for six persons to be chosen from among such graduates; and the six persons who shall be found to be elected by a plurality of the votes cast, shall be the Fellows of Yale College in the stead of the six senior senators of the State, and shall have all the rights, duties, and privileges as Fellows which are now by law conferred upon said senators. In case of an equality of votes between two or more candidates, the person who shall hold the said office of Fellow shall be designated by lot from among the persons receiving such equality of votes.

SECTION 2.—The Fellows thus elected shall enroll themselves by lot in six classes, one holding the office for six years, another for five years, another for four years, another for three years, another for two years, and

another for one year, eligible for re-election; and every year as a vacancy occurs, all graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, upon the day next preceding commencement day, in the manner heretofore prescribed, elect by a plurality of votes a person to fill the vacancy, and hold the office of Fellow for a period of six years, eligible for re-election; and so whenever a vacancy shall occur from death, resignation, or any other cause, such graduates may elect a person at the next commencement to fill the office of Fellow for the remainder of the term in which a vacancy has occurred. The official year of such Fellows shall end with the day next preceding each commencement day.

In March, 1887, an Act passed the General Assembly of the State, authorizing the use of the title "YALE UNIVERSITY" by the President and Fellows of Yale College, and providing that gifts to, contracts with, conveyances to or by, and other acts affecting said Corporation by either of the names specified shall be valid.

# DEPARTMENTS OF INSTRUCTION

The courses of study offered in the University are comprehended in four Departments, under the control of the Corporation, each Department being also under the administration of a distinct Faculty of instruction. The Departments are as follows :—

THE DEPARTMENT OF PHILOSOPHY AND THE ARTS;

THE DEPARTMENT OF THEOLOGY;

THE DEPARTMENT OF MEDICINE;

THE DEPARTMENT OF LAW.

Under the first-named Department are included two separately organized sections in which instruction for undergraduates is provided, viz :—

THE ACADEMICAL DEPARTMENT, and

THE SHEFFIELD SCIENTIFIC SCHOOL;

also, THE SCHOOL OF THE FINE ARTS, and the DEPARTMENT OF MUSIC, each with a special organization; and The Courses for GRADUATE INSTRUCTION, under the combined Faculty of the Department.

It is to be understood that the courses of study above described are open to persons of the male sex only, except when both sexes are specifically included.

The LIBRARY, the PEABODY MUSEUM OF NATURAL HISTORY, and the OBSERVATORY are severally organized independently of the special Departments, and are designed to contribute, in their appropriate spheres, to the instruction and advancement of the whole institution.

# ACADEMICAL DEPARTMENT
# (YALE COLLEGE)

## FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
EDWARD J. PHELPS, LL.D., *Professor of Law*
ARTHUR M. WHEELER, LL.D., *Professor of History*
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*
TRACY PECK, M.A., *Professor of Latin*
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Moral Philosophy and Metaphysics*
CHARLES H. SMITH, LL.D., *Professor of American History*
JULES LUQUIENS, PH.D., *Professor of Modern Languages*
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin, and Dean*
HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
FRANK A. GOOCH, PH.D., *Professor of Chemistry*
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*
WILLIAM BEEBE, B.A., *Assistant Professor of Mathematics and Astronomy*
ANDREW W. PHILLIPS, PH.D., *Professor of Mathematics*
GEORGE B. ADAMS, PH.D., *Professor of History*
EDWARD P. MORRIS, M.A., *Professor of Latin*
HENRY R. LANG, PH.D., *Professor of Romance Philology*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
ARTHUR H. PALMER, M.A., *Professor of German*
HORATIO M. REYNOLDS, M.A., *Professor of Greek*
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*

E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
ROBERT L. TAYLOR, B.A., *Instructor in French*
EDWARD G. BOURNE, PH.D., *Professor of History*
GUSTAV GRUENER, B.A., *Assistant Professor of German*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
JAMES J. ROBINSON, PH.D., *Instructor in Latin*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Economy*
WARREN A. ADAMS, PH.D., *Instructor in German*
CHARLTON M. LEWIS, B.A., LL.B., *Instructor in English*
CARLETON L. BROWNSON, B.A., *Instructor in Greek*
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*
JAMES P. PIERPONT, PH.D., *Assistant Professor of Mathematics*
IRVING FISHER, PH.D., *Assistant Professor of Political Science*
GUY V. THOMPSON, PH.D., *Tutor in Latin*
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*
CHARLES SEARS BALDWIN, PH.D., *Instructor in Rhetoric*
HERBERT A. SMITH, B.A., *Instructor in English*
PHILIP E. BROWNING, PH.D., *Instructor in Chemistry*
JOSEPH BOWDEN, JR., B.A., *Tutor in Mathematics*
CECIL K. BANCROFT, B.A., *Tutor in Latin*
JAMES W. D. INGERSOLL, PH.D., *Tutor in Latin*
ARTHUR L. DAY, PH.D., *Instructor in Physics*
ALFRED K. MERRITT, B.A., *Registrar*
ARTHUR L. WHEELER, B.A., *Tutor in Latin*
WENDELL M. STRONG, M.A., *Tutor in Mathematics*
THEODORE WOOLSEY HEERMANCE, B.A., *Tutor in Greek*
RICHARD T. HOLBROOK, B.A., *Tutor in the Romance Languages*

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OTHER INSTRUCTORS

REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*
MARK BAILEY, M.A., *Instructor in Elocution*
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*
JOHN H. NIEMEYER, M.A., *Professor of Drawing*
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*

SAMUEL S. SANFORD, M.A., *Professor of Applied Music*
LIEUT. ARTHUR MURRAY, U. S. A., *Professor of Military Science and Tactics*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*
FREDERICK WELLS WILLIAMS, B.A., *Instructor in Oriental History*
JAY W. SEAVER, M.A., M.D., *Associate Director of the Gymnasium*
GUSTAV A. ANDREEN, B.A., *Instructor in German*
WILLIAM G. ANDERSON, M.D., *Instructor in Gymnastics*
HORATIO W. PARKER, M.A., *Professor of the Theory of Music*
REV. ARTHUR FAIRBANKS, PH.D., *Instructor in Comparative Religion*
JACOB WESTLUND, B.A., *Instructor in Mathematics*
JOHANNES H. CUNTZ, M.E., *Assistant in Political Science*
HARRY B. FERRIS, M.D., *Professor of Anatomy*
ROBERT N. CORWIN, PH.D., *Instructor in German*
EDWARD G. BUCKLAND, M.A., LL.B., *Assistant Professor of Evidence*
EDWARD F. BUCHNER, PH.D., *Instructor in Pedagogy and Philosophy*
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*
ALEXANDER W. EVANS, M.D., *Instructor in Botany*
LESLIE D. BISSELL, PH.D., *Assistant in Physics*
HENRY DAVIES, B.D., *Lecturer on the History of Philosophy*
CARL E. SEASHORE, PH.D., *Assistant in the Psychological Laboratory*
D. ALBERT KREIDER, PH.D., *Instructor in Physics*
GERVASE GREEN, B.A., *Lecturer on Philosophy*
ISAAC K. PHELPS, B.A., *Laboratory Assistant in Chemistry*
HORACE M. SNYDER, B.A., *Assistant in the Physical Laboratory*
HARRY W. DUNNING, B.A., *Assistant in Semitic Languages*
CLEMENT G. CLARKE, B.A., *Instructor in Mathematics*
GEORGE D. KELLOGG, B.A., *Assistant in Latin*
FRANKE S. HAVENS, B.A., *Laboratory Assistant in Chemistry*
LOUIS CLEVELAND JONES, B.A., *Laboratory Assistant in Chemistry*
W. CONGER MORGAN, B.A., *Laboratory Assistant in Chemistry*
CHAUNCEY W. WELLS, B.A., *Assistant in Rhetoric*

## CONSULTATION HOURS

The DEAN, . . . . Daily, 10 to 12, 135 Elm st.
The REGISTRAR, . . . Daily, 10 to 1, 135 Elm st.
Professor ADAMS, . Tuesday and Friday, 10.30 to 11.20, 244 L.
Doctor BALDWIN, . . . Thursday, 10.15 to 11.15, 15 WH.
Professor BEEBE, . . Daily, 9.30 to 10, D Alumni Hall.
Professor BEERS, . . . Wednesday, 3 to 4, 171 F.
Professor COOK, Daily, except Saturday, 1.30 to 2, 219 Bishop st.
Doctor CREELMAN, . . . Wednesday, 3 to 3.30, 175 LYC.
Professor DANA, Tuesday, Thursday, and Saturday, 9.30, Sloane Lab.
Professor DUNCAN, . . Wednesday, 10.30 to 11.20, $B_1$ O.
Professor GOOCH, Monday and Friday, 3 to 4, Kent Laboratory.
Professor GOODELL, Monday, Wednesday, and Saturday, 9.30 to 10, 15 Phelps Hall.
Professor GRUENER, Monday, Wednesday, Friday, and Saturday, 2 to 3, 276 L.
Professor HADLEY, Monday, Tuesday, and Wednesday, 2.15, 93 Whitney av.; Thursday, 10.30, $E_2$ O.
Professor LADD, . . Wednesday and Saturday, 9.30, 275 L.
Professor LUQUIENS, Tuesday and Friday, 10.30 to 11.30, 133 F.
Professor MORRIS, . . Monday, 7 to 9 P. M., 112 College st.
Professor PALMER, Monday, Wednesday, and Thursday, 9.30, 117 N., Tuesday and Friday, 10.30, $F_2$ O.
Professor PARKER, . . Monday and Thursday, 11 to 1, 3 TR.
Professor PECK, . Monday and Thursday, 12 to 1, 124 High st.
Professor PERRIN, . . Daily, except Saturday, 2 to 3, 136 F.
Professor W. L. PHELPS, Tuesday, Wednesday, Friday, and Saturday, 9.30 to 10.30, 70 S. M.
Professor PHILLIPS, Daily, except Saturday, 2.30 to 4, 90 High st.
Professor REYNOLDS, Monday, Wednesday, Thursday, and Saturday, 12.30 to 1, 14 Phelps Hall.
Professor SANDERS, Monday, 4 to 4.30; Saturday, 10.20 to 11, 184 LYC.
Professor SANFORD, . Tuesday and Friday, 11 to 12, 38 College st.
Professor SCHWAB, . . . . Friday, 11 to 11.30, $E_2$ O.
Professor SEYMOUR, . . . Daily, 11 to 12, 22 Phelps Hall.
Professor C. H. SMITH, . . . Tuesday, 4 to 6, $D_2$ O.
Professor SNEATH, . Wednesday and Saturday, 10.30 to 11.30, $D_2$ O.
Professor SUMNER, . Monday and Thursday, 9.30 to 10.20, $F_2$ O.
Professor WHEELER, Tuesday and Friday, 9.30 to 11.30, $C_2$ O., or 207 D.
Professor WILLIAMS, Monday and Thursday, 10.30 to 11.30, 6 M.
Professor A. W. WRIGHT, Daily, except Saturday, 11 to 12, Sloane.

From the date of the original Charter, in 1701, a course of instruction leading to the degree of Bachelor of Arts has been continuously offered at the College; at first only three years of undergraduate study were required, but before 1710, a four years' course was provided, which has since been maintained.

Until 1813, when a Medical School was organized, no other course of study for a degree was marked out at Yale College; but with the incorporation of the Medical Institution (as it was originally styled) the older Department began to be designated the Academical Institution (or Department), and has continued to be so designated until at length, with the growth of other Schools about it and the expansion of the whole into Yale University, the original title of Yale College has again come to be applied distinctively to this Department.

## TERMS OF ADMISSION

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects; certificates of standing elsewhere are not accepted in place of this examination, except in certain cases when a candidate brings evidence that he has passed the whole of Freshman year in good standing in another college.

### I. ANCIENT LANGUAGES

1. Latin Grammar.
2. Cicero—the orations against Catiline and for Archias; and, in addition, either the *Milo*, or the *Manilian Law*, or the *Cato Major*, or the *Marcellus* and the 14th *Philippic*.
3. Vergil—the first six books of the *Aeneid* (including Prosody); and, in addition, either the *Bucolics* or the eighth and ninth books of the *Aeneid*.
4. Ovid—*Metamorphoses*, translation at sight.
5. The translation, at sight, of passages from Nepos and Caesar.
6. The translation into Latin of connected passages of English prose.
7. Roman History, to the death of Augustus.

8. Greek Grammar.

9. Xenophon—*Anabasis*, four books.

10. Homer—*Iliad*, three books, with Prosody.

11. The translation, at sight, into simple and idiomatic English, of a passage from some work of Xenophon.

12. The translation into Greek of connected passages of English prose, employing the vocabulary and idioms of the first four books of Xenophon's *Anabasis*.

13. Greek History.

Of the examinations in the ancient languages, those in Latin and Greek Grammar (1 and 8), translation at sight (4, 5, and 11), and Latin and Greek Composition (6 and 12) are considered most important, and the papers in them are read and marked with special care and strictness. A candidate who shows marked proficiency in these subjects is not conditioned for slight deficiency in Xenophon, Cicero, or Vergil.

The examination in Latin Grammar in 1897 will be based upon the second, third, and fourth orations of Cicero against Catiline. Students who do not read Cicero until the last year of their preparatory course are, therefore, advised to reserve Latin Grammar for their final examination. The examination in Greek Grammar in 1897 will be based on the second book of Xenophon's *Anabasis*. *In both Greek and Latin, however, a knowledge of grammatical principles, especially of the body of syntax, will be required.*

Grammatical questions are not asked on other classical papers, except to test the candidate's understanding of a passage, or on poetic forms and constructions (including prosody) in Homer and Vergil.

In order to allow preparatory schools freedom in arranging their courses of work, alternative equivalents are provided in the authors set. Thus the paper on Cicero contains questions on all the orations named in the list above, and on the Vergil paper passages are set from the eighth and ninth books of the *Aeneid* as a substitute for the *Bucolics*. Papers will be prepared also on other parts of Vergil, on other orations of Cicero, on other portions of the works of Xenophon than the first four books of the *Anabasis*, and on other books of Homer than the first three and the sixth of the *Iliad*, provided assurance is given to the Registrar, Mr. A. K. Merritt, before May 1, that not less than ten candidates desire such a paper.

In the translations at sight from Greek and Latin, the candidate is expected to show accurate knowledge of the forms and structure of the language and an intelligent comprehension of the meaning of the whole passage set.

The passages set for translation from English into Greek and Latin call for acquaintance with the vocabulary and style of simple narrative.

Teachers are advised to connect exercises in Greek and Latin composition, both oral and written, with all the Greek and Latin studies of the preparatory courses, and to begin the exercises in reading at sight early.

## II. MATHEMATICS

14. Algebra (*a*)—Factoring, fractions, equations of the first degree with one or more unknown quantities, putting problems into equations, inequalities, powers and roots, fractional and negative exponents, reduction of radicals.

15. Algebra (*b*)—Quadratic equations, ratio and proportion, progressions, continued fractions, permutations and combinations, binomial theorem, method of indeterminate coefficients.

16. Plane Geometry (*a*)—Demonstrations and constructions.

17. Plane Geometry (*b*)—Solution of numerical problems involving the metric system and the use of Logarithms, also as much of the theory of Logarithms as is necessary to explain their use in simple arithmetical operations.—Five-figure tables will be used in the examination.

For the examination in Geometry, the candidates must provide themselves with compasses and rulers.

## III. MODERN LANGUAGES

18. French *or* German—so far as to translate at sight easy prose into English, and also to translate easy English exercises into French or German.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

In *French* the examination is adapted to the proficiency of those who have studied French in the equivalent of a systematic course of five hours a week for one year. It will consist of two parts (which, however, cannot be taken separately):—

(*a*) The translation at sight of ordinary prose.

The passages set for translation will be suited to candidates who have read not less than three hundred duodecimo pages from the works of at least three different authors; this amount includes sight-reading done in class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into French of English sentences, or a short connected passage, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles; and the partitive constructions. Proficiency may also be tested by direct questioning.

Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

In *German* the examination is adapted to the proficiency of those who have studied German in the equivalent of a systematic course of five periods a week for one year. It will consist of two parts (which, however, cannot be taken separately):

(*a*) The translation at sight of a passage of easy prose containing no rare words.

The passages set for translation will be suited to candidates who have read not less than two hundred duodecimo pages of simple German, chiefly narrative prose; this amount includes sight-reading done in class. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into German of simple English sentences, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of modal auxiliaries; the elements of syntax and word-order. Proficiency may also be tested by direct questioning.

Practice in pronunciation by reading aloud as much as possible from the texts used in the class is recommended; also, the writing of German from dictation.

## IV. ENGLISH

19. I. Reading and Practice—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the

substance of the books. As supplementary to this test, the candidate will be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination are :—

Preliminary Examination in 1896, for the class entering in 1897: Shakespeare's *As You Like It;* Defoe's *History of the Plague in London;* Irving's *Tales of a Traveler;* Hawthorne's *Twice-Told Tales;* Longfellow's *Evangeline;* George Eliot's *Silas Marner.*

Preliminary Examination in 1897, for the class entering in 1898: Milton's *Paradise Lost*, Books i and ii; Pope's *Iliad*, Books i and xxii; the Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1898, for the class entering in 1899: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1899, for the class entering in 1900: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Scott's *Ivanhoe;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal.*

20. II. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books set for this part of the examination are :—

Final Examination in 1897: Shakespeare's *Merchant of Venice;* Burke's *Speech on Conciliation with America;* Scott's *Marmion;* Macaulay's *Life of Samuel Johnson.*

Final Examination in 1898: Shakespeare's *Macbeth;* Burke's *Speech on Conciliation with America;* DeQuincey's *The Flight of a Tartar Tribe;* Tennyson's *The Princess.*

Final Examination in 1899: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Carlyle's *Essay on Burns.*

Final Examination in 1900: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

For candidates who take the complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year; for example, the complete examination in 1897 will cover the books set for the final examination in 1897, together with those set for the preliminary examination in 1896.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination; with an interval of not less than a year between the two parts. In such cases, they must present themselves at one of the two regular examinations, that is, either in June or in September, of the first year; and at this preliminary examination each candidate must submit a definite statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be furnished, unless at least six of the above twenty subjects have been satisfactorily passed.

A candidate rejected in June, who has passed in five or more subjects, may try the whole examination again in September; but a preliminary certificate given in June cannot be used in the following September examination.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Alumni Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (July 1, 2, 3, 1897); *attendance is required at the opening of the examination, at 9* A. M. *on Thursday*, and the sessions will close at 1 P. M. on Saturday. The examination is wholly in writing; a set of papers recently given will be sent by the Registrar, Mr. A. K. Merritt, on application.

In 1897 examinations (beginning on Thursday, July 1, at 9 A. M., and closing on Saturday at 1 P. M.) for admission to the Freshman Class (but not to higher classes) will also be held

in Albany, N. Y., at the Albany Academy;
Andover, Mass., at Phillips Academy;
Auburn, N. Y., at the High School;
Buffalo, N. Y., at the Buffalo High School;
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street;
Cincinnati, O., at the Hughes High School, 5th street, head of Mound;
Cleveland, O., at the University School;
Columbus, O., at the Columbus Latin School;
Concord, N. H., at St. Paul's School;
Denver, Col., at the East Denver High School;
Dobbs Ferry, N. Y., at the Westminster School;
Easthampton, Mass., at Williston Seminary;
Exeter, N. H., at Phillips Academy;
Groton, Mass., at Groton School;
Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets;
Knoxville, Tenn., at the University School;
Lakeville, Conn., at the Hotchkiss School;
Lawrenceville, N. J., at the Lawrenceville School;
Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street;
New York City, at the Y. M. C. A. building, 23d st. and 4th av.;
Norwich, Conn., at the Free Academy;
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street;
Pittsburg, Pa., at Shady Side Academy;
Portland, Oregon, at the Bishop Scott Academy;
Pottstown, Pa., at the Hill School;
San Francisco, Cal., at the Urban School, 2124 California street;
St. Louis, Mo., at the Board of Education building, corner 9th and Locust streets;
St. Paul, Minn., at the High School;
Scranton, Pa., at the School of the Lackawanna;
Southborough, Mass., at St. Mark's School;
Tacoma, Wash., at the Tacoma Academy;
Washington, D. C., in the examining-room of the Civil Service Commission, corner of 8th and E streets.

An examination will be held on the same days in some city of Northern Europe. The exact place will be advertised in the Paris edition of the New York Herald during the first week of May and the first week of June. For this European examination, a fee of twenty-five dollars will be charged.

Candidates who propose to be present elsewhere than at New Haven are requested to send their names to the Registrar before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates and the distance from other places of examination may warrant it; applications for this purpose must be sent to the Registrar before May 15.

A second examination is held, *in New Haven only*, at the beginning of the College year, on Monday, Tuesday, and Wednesday (September 27, 28, 29, 1897); candidates for this examination must be present at Alumni Hall at 2.30 P. M. on Monday.

## ORDER OF JULY EXAMINATION

*Thursday, July 1*

| | |
|---|---|
| [Session begins at 9.00. Registration, | 9.00—9.40] |
| Vergil and Prosody, | 9.40—10.40 |
| English *a*, | 10.40—11.30 |
| English *b*, | 11.30—12.30 |
| Xenophon, | 3.00— 4.00 |
| Roman History, | 4.00— 4.30 |
| Greek Grammar, | 4.30— 5.30 |
| Greek Composition, | 5.30— 6.00 |

*Friday, July 2*

| | |
|---|---|
| Homer, | 9.00—10.00 |
| Algebra *a*, | 10.00—10.45 |
| Algebra *b*, | 10.45—11.30 |
| Caesar and Nepos, | 11.30—12.15 |
| Cicero, | 2.45— 3.30 |
| Greek History, | 3.30— 4.00 |
| Geometry *a*, | 4.00— 5.00 |
| Geometry *b*, | 5.00— 6.00 |

*Saturday, July 3*

| | |
|---|---|
| Latin Grammar, | 9.00—10.00 |
| Latin Composition, | 10.00—10.30 |
| Greek at sight, | 10.30—11.15 |
| Ovid at sight, | 11.15—12.00 |
| French or German, | 12.00— 1.00 |

## ORDER OF SEPTEMBER EXAMINATION

*Monday, September 27*

| | |
|---|---|
| [Session begins at 2.30 P. M. Registration, | 2.30—3.00] |
| Vergil and Prosody | 3.00— 4.00 |
| English *a*, | 4.00— 5.00 |
| English *b*, | 5.00— 6.00 |

*Tuesday, September 28*

| | |
|---|---|
| Xenophon, | 9.00—10.00 |
| Roman History, | 10.00—10.30 |
| Greek Grammar, | 10.30—11.30 |
| Greek Composition, | 11.30—12.00 |
| Homer, | 2.30— 3.30 |
| Algebra *a*, | 3.30— 4.15 |
| Algebra *b*, | 4.15— 4.45 |
| Caesar and Nepos, | 4.45— 5.30 |

*Wednesday, September 29*

| | |
|---|---|
| Greek History, | 9.00— 9.30 |
| Geometry *a*, | 9.30—10.30 |
| Geometry *b*, | 10.30—11.30 |
| Cicero, | 11.30—12.15 |
| Latin Grammar, | 2.00— 3.00 |
| Latin Composition, | 3.00— 3.30 |
| Greek at sight, | 3.30— 4.15 |
| Ovid at sight, | 4.15— 5.00 |
| French or German, | 5.00— 6.00 |

Persons applying for admission to any class in College during the course of the College year (from September to June) must first obtain from the Faculty permission to be examined, and pay to the Treasurer a fee of ten dollars.

In general, examinations for admission to the next Freshman Class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

ADVANCED STANDING.—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those studies which have been already pursued (see pp. 52 ff.) by the class which

they wish to enter. In the several languages, for the particular books studied by the class, equivalent amounts from other books may be offered. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission.

Bachelors of Arts or of Philosophy of any institution may join the Senior Class (without examination and without becoming candidates for the Bachelor's degree), as candidates for the degree of Doctor of Philosophy after three years' study.

No one is admitted to the Senior Class after the beginning of the second term.

AGE—No one is admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission in full is granted. Students from other Colleges must present certificates of dismission in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the College. A blank form for this purpose is furnished at the time of admission.

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## GOVERNMENT AND INSTRUCTION

The Dean has the general supervision, under the Faculty, of the Senior and Junior classes; the members of the two lower classes are assigned by divisions for a similar supervision to the care of instructors in those classes.

Absence from College exercises is excused only for extremely urgent reasons. In general, a student cannot be excused for absence at the beginning or near the end of a term. In order to cover all cases of absence which may

seem justifiable to the student, but for which no excuses will be accepted, an allowance is granted to a member of the Senior or Junior class of absence from eight class-room exercises (recitations, lectures, or rhetorical appointments), and to a member of the Sophomore or Freshman class from six class-room exercises, during the first term and during each half of the second term, without incurring marks and without affecting his record for scholarship; provided that these absences shall not immediately precede or follow a vacation or recess; provided, also, that no two absences shall be consecutive in any one study, and that such absences shall not excuse the student from preparation upon the omitted lessons when reviewed.

The members of the Sophomore and Freshman classes are arranged in divisions according to scholarship. During the present year, for required work the Junior class is divided into eight divisions, the Sophomore class into eight, and the Freshman class into thirteen; in the elective courses, the divisions are of convenient size for class-room work.

In Freshman year Greek, Latin, and Mathematics occupy eleven hours of class-room work per week, three hours are given to Modern Languages, and one hour to English. In Sophomore year three-hour courses are offered in Greek, Latin, Mathematics, Modern Languages, English, and Physics, and each member of the class is required to select five courses. The kind and amount of study in these two years are believed to be such as are essential for laying the foundation of a liberal education, whatever the department or profession that may be pursued in after-life; and no more than is needed to give the student a proper basis of knowledge and discipline for the study of the *elective* courses which follow, and that knowledge of himself, and of the subjects before him, which is needed for a judicious choice. If a student can pass a satisfactory examination in any of the Freshman or Sophomore courses for the work of *one year in advance*, he may be allowed to choose

from the list of Electives some other course which he is qualified to pursue with advantage, covering the same number of hours.

Of the work of the Junior and of the Senior years over four-fifths is in elective studies. The whole number of elective courses open to the two classes is at the present time about two hundred; and in addition there are several courses of lectures, attendance on which is optional. The Juniors have open to them elective studies in the Fine Arts, History, Political Science, Psychology and Ethics, the Natural Sciences, and Music, in addition to those in the departments of the Classics, the Modern Languages, and Mathematics; and the Seniors, electives under all these departments, with others of higher range as explained below.

Many of the courses fall naturally into groups: as that of the Ancient Languages and Linguistics; Psychology, Logic, and Philosophy, with Ethics; Political Science and Law; History; Modern Languages and Literatures; Mathematics and Physics; Chemistry and the Natural Sciences; and the student is recommended to select his courses as far as possible according to his needs, in part perhaps according to his expectations as to future work, fixing first upon the chief subject, and selecting others that are subsidiary to it. In several cases, related courses are accessible to the student only as they are taken consecutively.

To promote the rational choice of elective courses, SPECIAL HONORS in various groups of studies are offered, to be given at the end of the Senior year, in accordance with the scheme on page 115.

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THE PROGRAM OF STUDIES for the current year is as follows:

FRESHMAN YEAR:

*Greek*—Homer's *Odyssey*, books i–iv; selections from Herodotus; the *Apology* of Plato.

*Latin*—Livy, books i and ii; selections from Latin prose and verse; the Comedies of Terence; Prose Composition.

*French or German*—Three hours a week throughout the year. Students may at their option either continue the study of the modern language presented for admission to college, or begin the study of the other in case they have not previously pursued it. Those who have sufficient knowledge of either language are assigned to classes still further advanced.

*Mathematics—Geometry:* Planes, Polyhedrons, Cones, Cylinders, and Spheres. Projection of figures with exercises on Models. Text-book, Phillips and Fisher's *Geometry*.

*Plane Trigonometry:* Solutions of Triangles, Mensuration, and Surveying. Text-book, Wentworth's *Trigonometry*.

*Mechanics:* The elementary principles of Kinematics, Kinetics (or Dynamics), and Statics, in reference to solid bodies, with practical applications. Text-book, Glazebrook's *Mechanics*.

*English Literature*—Three hours a week through twelve weeks. Six plays of Shakespeare.

SOPHOMORE YEAR:

Each member of the Sophomore class is required to choose five of the six following courses. In course III either French or German may be taken, but not both.

I. *Greek*—The *Prometheus* of Aeschylus; the *Oedipus Tyrannus* of Sophocles; the *Alcestis* of Euripides; the *Frogs* of Aristophanes; lectures on the origin and history of the Athenian Drama, and on the Greek Theatre.

In reading these works, special attention is paid to the structure of the poems and their literary quality, to poetic words, forms, arrangement of words, rhythm, and constructions. Grammatical questions are discussed rarely, except as they are important for the interpretation and illustration of the author's meaning.

II. *Latin*—The *Epodes*, *Odes*, and *Satires* of Horace, the *Agricola* and *Germania* of Tacitus, and the *Letters* of Pliny.

These works have been selected on account of the permanent value and variety of their subject-matter and literary form, and because they illustrate the language and literature at important stages in their development, and represent different periods of Roman history and types of Roman life and character. The class-room treatment is largely literary and historical. In addition to the above texts, a considerable amount of Latin is read at sight.

III. (*a*) *French—Advanced Course.* Reading of French prose from A. Dumas, P. Loti, H. Taine, and others, in Luquiens' *Places and Peoples*, and, in verse, Racine's *Britannicus*, V. Hugo's *Ruy Blas*, and Ponsard's *Lion Amoureux*. Alternately with the reading, exercises in composition and, whenever possible, in conversation.

*Second-Year Course* (for students who began French in the Freshman year). Reading of French prose from standard authors on varied topics. A short course in syntax accompanied with exercises in composition and oral practice.

*Beginners' Course.* Practice in pronunciation, early reading of easy French, and a careful study of the main facts of grammar.

III (*b*) *German—Advanced Course.* Reading, in the first term, of selections from Heine's prose and poetry, and in the second term of Lessing's *Laokoön*, *Minna von Barnhelm*, and *Nathan der Weise.*

Through the year weekly exercises in German composition.

*Second-Year Course.* Reading of short stories by Riehl, Heyse, and Keller; of a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature. Practice in writing German. Study of word-formation.

*Beginners' Course.* Grammar. Translation from German into English, and elementary exercises in translating into German. Practice in pronunciation. The course is intended to give to the student a knowledge of such grammatical elements as will enable him to read easy German at sight and to put easy English sentences into German. The reading is of simple narrative prose.

IV. (*a*) *English Literature.* Two hours a week. The following standard authors are read: Spenser—portions of the *Faery Queene* and some of the short poems. Shakespeare—*Othello*, *King Lear*, *Hamlet.* Milton—the *Minor Poems*, and the first two books of *Paradise Lost.* Addison—selections from the *Spectator.* Swift—*Gulliver's Travels*, and many short pieces. Pope—*Rape of the Lock*, *Epistle to Dr. Arbuthnot*, and other poems. Gray—selections from his poetry and prose.

(*b*) *Rhetoric*—Recitations and lectures, one hour a week; frequent essays, with individual conference.

V. *Physics*—A general course commencing with the properties of Liquids and Gases, and going on with the subjects of Sound, Heat, Light, and Electricity. Experimental illustrations are introduced freely into the class-room. Ganot's *Physics* (14th edition) is used as the text-book.

VI. *Mathematics*—1. The application of Plane Trigonometry to Mensuration and Navigation; and of Spherical Trigonometry to the Elementary Problems of the Celestial Sphere.

2. The application of Graphical Methods to the theory and solution of Algebraic equations; also an elementary course in Analytical Geometry, with an introduction to map-projection.

*Elocution*—An extra-optional course of one hour per week is offered to the Sophomore Class in the second term. This course includes lectures on the Science and the Art of Elocution, practice in speaking and reading by small subdivisions, and private individual practice for the "honor men" chosen to contest for the prizes for declamation and reading.

## JUNIOR AND SENIOR YEARS:

Courses covering thirty hours must be satisfactorily completed by each student in Junior and Senior years in order to be recommended for a degree. Every member of the Junior class is required to take not less than fifteen hours, and not more than eighteen hours per week of class-room work.

The *prescribed* studies of Junior year occupy three hours per week, and those of Senior year two hours per week.

### PRESCRIBED STUDIES OF JUNIOR YEAR:

*Logic*—Jevons's *Lessons in Logic;* Fowler's *Inductive Logic;* exercises in the criticism of arguments; lectures.

*Psychology*—Ladd's *Psychology, Descriptive and Explanatory;* lectures.

*Ethics*—Porter's *Elements of Moral Science.*

### PRESCRIBED STUDIES OF SENIOR YEAR:

*Philosophy*—One course in this department of study, two hours per week throughout the year, is prescribed. The particular course taken is left, however, to the choice of the pupil from a list of four or more courses. Under the term Philosophy, as here used, is included the study of psychology, ethics, and the history of philosophy.

### ELOCUTION:

*Junior Year, First Term*—An extra-optional course of one hour per week in advanced oratorical speaking, or Shakespearean readings. Special preparatory training for the TenEyck Prize Speaking at the Junior Exhibition.

*Senior Year*—Special preparatory training of the speakers for the DeForest Prize in Oratory.

## ELECTIVE COURSES

### I. PSYCHOLOGY; ETHICS; PHILOSOPHY

JUNIORS are required to take course 1. SENIORS are required to choose one of the following four courses—2, 3, 4, or 5.

[The number of hours given indicates the number of hours per week.]

Asterisked Courses (*) can only be chosen with the written consent of the instructor.

1 *Logic, Psychology, and Ethics (elementary course).* 3 hrs.
Professors LADD, DUNCAN, SNEATH, and Dr. SCRIPTURE.

I, IV, Mondays and Thursdays, 8.30, II, V, Tuesdays and Fridays, 8.30, III, VI, Wednesdays and Saturdays, 8.30, in $B_1$ O, $A_2$ O; I—VI, Saturdays, 11.30, in $A_1$ O.

In this course systematic instruction is given in the elements of logic, general psychology, and practical ethics. Professor Ladd lectures on the structure and functions of the nervous system, the end-organs of sense, and selected topics in general psychology; and Dr. Scripture on the experimental treatment of psychology.

2 *Introduction to Philosophy.* [Seniors.] 2 hrs.
Professor G. T. LADD.

I, Wednesdays, 8.30, II, Wednesdays, 11.30, in $A_2$ O; I and II, Saturdays, 8.30, in $A_1$ O.

This course is designed to present, in an elementary and summary way, the principal philosophical problems. It may properly be taken by all who desire any acquaintance with philosophy as a means of general culture. One exercise each week throughout the year will consist of a lecture; the other, of a lecture or of oral and written work by the class, recitation, discussion, questions, papers, etc. The exercises will be based upon some book giving a general treatment of the subject, supplemented by study of several of Lotze's *Philosophical Outlines*.

During the latter half of the course special emphasis will be laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

3 *History of Continental Philosophy.* [Seniors.] 2 hrs.

Professor G. M. DUNCAN.

Wednesdays and Saturdays, 11.30, $B_1$ O.

An elementary study of the development of philosophical thought on the continent of Europe from Descartes to the present time, with cursory reading of the more important philosophical masterpieces: Descartes' *Meditations on the First Philosophy;* Spinoza's *Ethics*—selections; Leibnitz's *Philosophical Opuscules;* Kant's *Prolegomena to any Future Metaphysics*, etc. The course will include brief notices of contemporary British philosophy.

4 *History of Modern Philosophy* (*mainly British*). [Seniors.] 2 hrs.

Assistant Professor E. H. SNEATH.

Wednesdays and Saturdays, 11.30, $B_2$ O.

An elementary study of the development of philosophical thought in Great Britain from Bacon to the present time, with cursory reading of the more important philosophical masterpieces. This course includes also brief notices of contemporary continental thought, and especial attention is given to the tendencies in modern British thought known as scepticism and agnosticism, and to the evolution philosophy as expounded by Herbert Spencer.

Courses 3 and 4 (largely lecture courses, with frequent written exercises on the text read and occasional examinations on both the lectures and texts), while intended primarily for general culture, also aim to introduce the student to the more special study of philosophy in its various branches and problems.

5 *Philosophical Anthropology.* [Seniors.] 2 hrs.

Assistant Professor E. H. SNEATH.

I, Wednesdays and Saturdays, 9.30, II, Mondays and Thursdays, 9.30, $A_2$ O.

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God; and his development in history. The course is based upon Lotze's *Microcosmus.*

6 *Ethics.* 2 hrs.

Professor G. T. LADD.

Mondays, 3.15–5.00, $B_1$ O.

The principal topics in the philosophy of conduct—such as the nature and validity of moral consciousness, the freedom of will, and the nature and grounds of the morally right—are discussed in a course of lectures. The same topics are also studied as they are presented by some of the principal modern authorities, especially by Sidgwick, *The Methods of Ethics;* Martineau, *Types of Ethical Theory;* Janet, *La Morale;* and Bowne, *Principles of Ethics.* Papers and discussions by the class.

*7 *Philosophy of Life and Organism.* [Seniors.] 1 hr.

Professor H. S. WILLIAMS.

Wednesdays, 12.30, and Fridays, 9.30, 1st half-year, 5 M.

A discussion of the facts and phenomena underlying the modern theories of Evolution, and of the various forms of theory proposed to explain them.

8 *Philosophy and Literature.* 1 hr.

Assistant Professor E. H. SNEATH.

Tuesdays, 9.30, $A_2$ O.

This course will consider the nature and the problems of philosophy as presented in the writings of distinguished men of letters,—those who have been called the "popular philosophers." The works of the following authors will be considered: *English*, Coleridge, Carlyle, Tennyson, and Browning. *French*, Pascal, Voltaire, Diderot, and Rousseau. *German*, Lessing, Herder, Goethe, and Schiller. The aim of the course will be to show what philosophy can do for the student of letters, and how the profounder aspects of thought may be presented in the attractive form of literature.

9 *Psychology (Physiological and Experimental).* 2 hrs.

Dr. E. W. SCRIPTURE.

Tuesdays and Thursdays, 2.00, Psychological Laboratory.

An elementary course, consisting mainly of lectures, illustrated by physiological and psychological experiments, lantern-views, dissections, etc. Text-book: Ladd's *Outlines of Physiological Psychology.*

10 *Psychology (Laboratory Course).* 1 hr.

Dr. E. W. SCRIPTURE.

Mondays, 4.00–5.50, Psychological Laboratory.

Elementary exercises in experimenting by each student. One session of two hours. This course can be taken only in connection with or in sequence to course 9.

11 *Educational Psychology.* 1 hr.

Dr. E. W. SCRIPTURE.

Tuesdays, 5.00, Psychological Laboratory.

An elementary lecture-course in the psychological foundations of education and in the fundamental principles of teaching. The course is illustrated by experiments, lantern-views, etc., and by demonstrations of pedagogical material collected in America and Europe.

The following courses, 12 to 18, are open to those who wish to make a special study of psychology, philosophy, and pedagogics, on application to the instructor, whose approval, in writing, must accompany their choice.

*12. *Kant Seminary.* [Seniors.] 2 hrs.

Professor G. T. LADD.

Mondays, 7.15–9.00 P. M., $B_1$ O.

A thorough study of the *Critique of Pure Reason* and, if time permits, a less thorough study of the *Critique of Practical Reason.* After an expository and critical lecture, a paper upon a topic given out some time in advance will be read, to be followed by discussion on the part of both teacher and class. The effort will constantly be made to understand Kant's system of thinking in the light of the history of opinion since his time, and especially of opinion upon the same subjects in the present day.

*13 *Modern Pantheism and Pessimism.* [Seniors.] 2 hrs.

Professor G. T. LADD.

Wednesdays, 3.15–5.00, $B_1$ O.

Schopenhauer's *World as Will and Idea* will be read, with constant comparison with the views of ancient and modern pessimists, especially with Hartmann. Most of the work will be research, the results to be presented in elaborate papers for discussion before the class.

*14 *Advanced Psychology.* [Seniors.] 2 hrs.

Professor G. M. DUNCAN.

Wednesdays and Saturdays, 9.30, B, O.

A course in general psychology which aims at a detailed study of the phenomena of mental life from the scientific point of view. Sully's *Human Mind* will be read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, James's *Principles of Psychology*, and the works of other leading modern authors; and the reading will be accompanied by papers, discussions, and lectures.

*15 *Popular Discussions in Philosophy.* [Seniors.] 1 hr.

Professor G. M. DUNCAN.

Wednesdays, 12.30, B, O.

A course in philosophical criticism, intended to develop and train the critical spirit; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer, and others will be read and freely discussed.

*16 *Research Work in Psychology.* 2 hrs.

Dr. E. W. SCRIPTURE.

Time arranged personally.

This course is mainly for graduates, but is open to Seniors who are taking or have taken courses 9 and 10.

A special problem for investigation is assigned to the student, who carries it out under personal supervision of the instructor. The course is specially adapted for candidates for Honors in Philosophy and for those who wish to obtain a training in the art of research.

*17 *History of Religion.* [Seniors.] 2 hrs.

Dr. A. FAIRBANKS.

Mondays and Thursdays, 9.30, 118 N.

The different forms of religion among the Indo-Germanic races are made the basis of the work. After a rapid survey of the sources of knowledge, the beliefs and rites of each religion are carefully studied, and the historic relation between them ex-

amined. The constant aim is to trace some of the laws which govern the development of religion, and the factors which tend to aid or hinder its development.

Menzies' *History of Religion* will be read and discussed; selections from the original documents will be read in translation; and the more important archaeological remains presented in illustrated lectures.

*18 *History of Education.* 2 hrs.

Dr. E. F. BUCHNER.

Tuesdays and Thursdays, 3.00, $B_1$ O.

By lectures and the reading of the more important classics, the course of educational thought and activity is traced from antiquity to the present time, special emphasis being placed on modern education. While offering the larger advantages of a culture course, it is so conducted that suggestions for practical guidance are derived by those who intend later to enter upon educational duties. Compayré's *History of Pedagogy* and Williams's *History of Modern Education* provide a general outline of the year's study.

## II. POLITICAL SCIENCE AND LAW

20 *Economics (general course).* 3 hrs.

Professors A. T. HADLEY and IRVING FISHER.

I, Mondays and Thursdays, 8.30,
II, Mondays and Thursdays, 11.30,
III, Tuesdays and Fridays, 8.30,
IV, Tuesdays and Fridays, 11.30,
} $A_2$ O.

I–IV, Wednesdays, 11.30, $A_1$ O.

A thorough course in the elements of the science. Two hours a week are devoted to text-book work with Professor Fisher, involving recitation-room drill in the general principles. Professor Hadley lectures the third hour on the application of these principles to financial and industrial problems of the day.

Text-book: Hadley's *Economics.*

21 *Statistics.* 2 hrs.

Assistant Professor IRVING FISHER.

Wednesdays and Saturdays, 8.30, $E_2$ O.

An elementary course on the use and abuse of statistics. The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out.

Mayo-Smith's *Statistics and Sociology* will be used as a basis.

22 *Finance.* [Seniors.] 3 hrs.

Assistant Professor J. C. SCHWAB.

I, Tuesdays, 8.30,
II, Tuesdays, 12.30,
III, Wednesdays, 8.30,
IV, Fridays, 12.30,
} $E_2$ O.

I–IV, Mondays and Thursdays, 11.30, $A_1$ O.

A second-year course in Money, Banking, and Finance. None will be admitted to the course who are not already familiar with the elements of economics. Two hours a week will be devoted to lectures, and the third hour to a quiz-exercise in small sections. The work will cover the principles of money and credit, with illustrations from the monetary, banking and financial history of the world, and of the United States in particular; it will also cover less minutely the subject of public finance, namely, the systems of government revenue and expenditure.

The following books will be used: Jevons's *Money and the Mechanism of Exchange*, Dunbar's *On Banking*, White's *Money and Banking*, Sumner's *Problems in Political Economy*, and perhaps Adams's *Public Debts*, or Plehn's *Public Finance*.

23 *United States Industrial History.* [Seniors.] 3 hrs.

Assistant Professor J. C. SCHWAB.

I, Thursdays, 12.30, II, Fridays, 8.30,
I–II, Tuesdays and Fridays, 11.30,
} $E_2$ O.

A second-year course on the history of the tariff legislation and industrial development of the United States, on the modern industrial system, corporations, international trade, and the principles involved in investment securities.

As in course 22, there will be two lectures a week, the third hour being devoted to a quiz-exercise in small sections.

Books to be used: Taussig's *Tariff History of the United States*, 1892, Bastable's *Commerce of Nations*, Sumner's *Investment Securities*, Hadley's *Railroad Transportation*.

*24 *Theory of Economics (advanced course)*. [Seniors.] 2 hrs.

Assistant Professor IRVING FISHER.

Wednesdays, 12.30, and Saturdays, 11.30, $E_3$ O.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 20. Mathematical methods are freely used where needful. As preparatory to the use of these methods, the course begins with lectures on elementary calculus. These are followed by the analysis of: (1) value and prices; (2) general price levels; (3) effects of "appreciation" and "depreciation," with statistical discussion; (4) bimetallism and other currency schemes, with especial reference to the experience of France, Austria, and India; (5) international trade; (6) capital and interest; (7) distribution.

Marshall's *Principles of Economics* is used as a basis. Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

*25 *Economic Debates*. 2 hrs.

Professor A. T. HADLEY and Dr. C. S. BALDWIN.

Tuesdays, 4–5.50, $E_2$ O.

First term: *Argumentation*, Dr. BALDWIN.

Four argumentative essays with accompanying briefs. Preliminary training, through analysis of famous speeches, in the principles of argumentation and the drawing of briefs. Regular hours for individual criticism.

Second term: *Debates*, Professor HADLEY.

Members of the class will be expected to organize debates each week on subjects of economic interest; to prepare and interchange briefs, and argue the questions at issue on the basis of special study and investigation. No one will be admitted unless he has already studied or is studying Economics.

*29 *United States Financial History.* [Seniors.] 1 hr.
Assistant Professor J. C. SCHWAB.

Wednesdays, 12.30, 11 WH.

Open to those who have chosen either course 22 or course 23, and who have done superior work in course 20 during the previous year, evidence of which, in writing from Professor Fisher, must accompany the list of choices. The course is especially adapted to candidates for Honors in Political Science, as an opportunity for the preparation of theses is offered. During the first term some recent book on money, banking, or kindred subject, like Coin's *Financial School*, or Brough's *Natural Law of Money*, is read, and informally discussed. During the second term, current questions are discussed, each member of the class selecting some field for observation, like current legislation, or the markets, and offering a report at stated intervals.

30 *The Science of Society* [Seniors.] 2 hrs.
Professor W. G. SUMNER.

Mondays and Thursdays, 8.30, $A_1$ O.

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this will be a course of lectures on Systematic Sociology [Societology]. This course is strictly academical both in subject and method, and does not take up topics popularly classed under "social science." Topics are: The organization of society; the individual and the social; social forces; militarism and industrialism; property; marriage, family, and the status of women; primitive notions in religion and philosophy; civil government, law and rights; slavery and classes; economic interests and their collisions; conditions of welfare; origin of moral standards; reaction of reason on experience. These topics are treated exclusively in the light of Historical Anthropology and Ethnology.

31 *The Science of Society.* [Seniors.] 2 hrs., *to count as 3 hrs.*
Professor W. G. SUMNER.

Mondays and Thursdays, 8.30, $A_1$ O.

A course with a German text-book (Lippert's *Kulturgeschichte;* 2 vols., Stuttgart, 1887), for those who are able to read difficult

German. The exercises are coincident with those of course 30, including the lectures as above. Course 31 counts as three hours. Those who take it are responsible for providing themselves with the text-book before beginning the fall term.

33 *The Science of Politics.* [Seniors.] 2 hrs.

Professor A. T. HADLEY.

Tuesdays and Fridays, 9.30, $E_2$ O.

A critical study of the leading theories as to political authority and the conditions which govern its exercise. Among the books used will be Pollock's *History of the Science of Politics*, Lowell's *Essays* on Government, and Loria's *Bases Économiques de la Constitution Sociale.*

35 *Jurisprudence and Law.* [Seniors.] 2 hrs.

Assistant Professor E. G. BUCKLAND.

First term: Fridays and Saturdays, 12.30, $A_1$ O.

Lectures, recitations, private readings, and examinations on the following subjects: law in its relations to the origin, development, and government of political society; origin and development of customary law; relation of statute law to customary law; formation and development of codes of law; nature and origin of legal rights; principles of the law governing rights in land; principles of the law governing contract rights; the law of remedies for the violation of rights; origin and procedure of courts of law and equity; criminal law. The instruction in this course is designed to present an historical and philosophical view of the law in its great outlines, as common to all nations, and particularly as developed in the Anglo-Saxon race. In addition it is designed to show the practical methods which obtain in modern commercial transactions and the law as applied to them, and to point out the principal rights acquired, the duties owed, and the liabilities incurred in the every-day conduct of affairs.

Professor E. J. PHELPS.

Second term: Fridays and Saturdays, 12.30, $A_1$ O.

Lectures upon American Constitutional Law and upon International Law. Text-books are read in connection with the lectures.

This course is not intended merely for those who are contemplating the study of the law as a profession, but for all who may be interested in the subjects as a branch of general education.

Students who pursue the course and pass the graduating examinations thereon, are entitled to a certificate which in many States is accepted as counting a year in the period of study required for admission to the bar.

To those exhibiting satisfactory evidence of having read the four books of Blackstone's *Commentaries* in connection with this course, a special examination in Blackstone will be given. All who satisfactorily pass such special examination will be entitled to a certificate of having completed the reading of Blackstone.

*Note:* See also course 150 on Roman Law.

## III. HISTORY

40 *Medieval History.* [Juniors.] 2 hrs.

Professor G. B. ADAMS.

I, Mondays and Thursdays, 8.30,
II, Mondays and Thursdays, 11.30,
III, Tuesdays and Fridays, 8.30,
IV, Tuesdays and Fridays, 11.30,
} C Alumni Hall.

The object of this course is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

41 *History of Europe from the Reformation to the French Revolution.* 2 hrs.

Professor E. G. BOURNE.

I, Mondays and Wednesdays, 12.30,
II, Wednesdays and Fridays, 12.30,
} C Alumni Hall.

This course will deal mainly with the growth of the European State system, the influence upon Europe of the colonial expansion, and the political and intellectual movements preparatory to the Revolutionary epoch. Some attention will also be given to the economic history of the period.

*42 *History of Europe from the Reformation to the French Revolution.* 3 hrs.

Professor E. G. BOURNE.

I, Mondays and Wednesdays, 12.30,
II, Wednesdays and Fridays, 12.30,
A third hour at the convenience of the class, } C Alumni Hall.

This course is open as a three-hour course to all students who can read German. Two hours of the course are identical with those of course 41. The third hour will consist of the discussion of the documents in Schilling's *Quellenbuch zur Geschichte der Neuzeit*, and of papers by the students.

43 *History of Europe since 1789.* [Seniors.] 2 hrs.

Professor A. M. WHEELER.

I, Mondays and Thursdays, 11.30,
II, Mondays and Thursdays, 12.30,
III, Tuesdays and Fridays, 8.30,
IV, Tuesdays and Fridays, 11.30, } $C_2$ O.

Mainly political; introductory to European politics of our day.

45 *English History.* [Seniors.] 3 hrs.

Professors G. B. ADAMS (first half-year) and E. G. BOURNE (second half-year).

I, Mondays, Wednesdays, and Thursdays, 9.30, } C Alumni
II, Tuesdays, Wednesdays, and Fridays, 10.30, } Hall.

Political and constitutional. Particular attention will be given to the development of political and legal institutions, and in the second half to the colonial expansion of England. The more important constitutional documents will be discussed in detail as well as such other contemporary sources as are accessible. While this course is of special value to those who intend to study law, the interest of the general student will also be kept in view.

47 *Ancient Oriental Nations from the earliest times.* 2 hrs.

Mr. F. W. WILLIAMS.

Mondays and Thursdays, 12.30, $C_1$ O.

A comprehensive survey of the beginnings of civilization and its development in the principal nations of antiquity, including

Babylonia, Assyria, Egypt, Phoenicia, and Media. This course illustrates the connection of Biblical and profane history, discusses the origins of political and social institutions, religions, the arts and sciences, and the Asiatic source of European civilization, and constitutes an introduction to the study of history.

48 *Modern Asiatic History.* 2 hrs.

Mr. F. W. WILLIAMS.

Tuesdays and Wednesdays, 12.30, $C_1$ O.

A course embracing successively the regions of India, Japan, China, and Central Asia, with particular regard to their history since the 17th century, their governments, and their relations with European powers. The culture, faiths, and sociology of existing nations in the Far East are here considered with the view of interesting those whose historical knowledge is confined to the Western world. The course is designed to stimulate further reading by students in special topics suggested by the instructor, upon which written essays will be presented and discussed. It also offers an opportunity for those contemplating missionary careers to acquaint themselves with the political and social condition of the more important foreign missionary fields.

50 *American History (Political).* 2 hrs.

Professor C. H. SMITH.

I, Mondays and Thursdays, 8.30,
II, Mondays and Thursdays, 11.30,
III, Tuesdays and Fridays, 8.30,
IV, Tuesdays and Fridays, 11.30,
V, Mondays and Thursdays, 10.30,
VI, Tuesdays and Fridays, 10.30,
} $D_2$ O.

History of the United States, mainly political, showing the rise and growth of parties, the discussion and settlement of important questions, and the careers of noted leaders.

This course will be omitted in 1897–98.

[51 *American History (Constitutional).* 2 hrs.

Professor C. H. SMITH.

History of the United States, mainly constitutional, showing the sources and formation of the constitution in the colonial and revolutionary periods, and its operation and development in the national period.]

This course will be omitted in 1896–97.

## IV. MODERN EUROPEAN LANGUAGES AND LITERATURE

### COURSES IN THE ROMANCE LANGUAGES

60 *Second-Year French.* 3 hrs.

Mr. R. L. TAYLOR.

Tuesdays, Wednesdays, and Fridays, 9.30, $D_1$ O.

Reading from standard French authors; a short course in French syntax accompanied with exercises in composition and oral practice. For students who have had one year of French and wish to continue its study.

*61 *Practice in writing and speaking French.* 2 hrs.

Tuesdays and Fridays, 9.30, $E_1$ O.

Professor J. LUQUIENS.

An advanced course in French grammar, translation, and composition, conducted in French; occasional discussions by the class on assigned topics. Open to students who have had at least two years of French and have shown more than average proficiency in that study.

62 *Systematic Readings in the French Literature of the xviiith Century.* 2 hrs.

Mr. R. L. TAYLOR.

Mondays and Thursdays, 9.30, $D_1$ O.

During the first term the readings will be from such authors, whether from the xviith century or from later days, as will allow the student to form an idea of French society in that period. The rest of the year will be devoted to readings from the dramatists, Corneille, Racine, Molière. Occasional papers on outside reading will be required during the year. Students taking this course are advised to take also course 63.

Open to students who have had previously at least two years of French.

63 *French Literature of the xviiith Century.* 1 hr.

Professor J. LUQUIENS.

Wednesdays, 9.30, $E_1$ O.

Weekly lectures on the great writers, their lives, their works, and, in general, the facts which constitute the literary history of that period. Analyses of works bearing upon the subject required periodically. Open to students on the same conditions as course 62.

[64 *French Literature of the xixth Century.* 3 hrs.]

Professor J. LUQUIENS.

This course will be omitted in 1896–7, but will be given in 1897–8.

*65 *Entretiens sur la Littérature Française.* 3 hrs.

Professor J. LUQUIENS:—

Mondays, Wednesdays, and Thursdays, 10.30, $E_1$ O.

A study of the representative works and authors of the xviith century. This course covers the same ground as courses 62 and 63, but is conducted in French, all exercises, written and oral, being intended to impart a command of the language as well as a knowledge of the literature. Open to students who have taken Sophomore French with credit or can satisfy the instructor that they are qualified.

*66 *French Literature of the xvith Century.* 2 hrs.

Professor J. LUQUIENS.

Tuesdays and Fridays, 10.30, $E_1$ O.

A study of the great revival of French letters which followed the Italian Renaissance and the Reformation. The course will begin with a brief survey of the linguistic facts pertaining to that period and continue with the study of the poets, Ronsard, du Bellay, duBartas, etc., and of the prose writers, especially Rabelais and Montaigne. Individual work will be required outside of the class room.

This course is primarily for graduate students, but is open to Seniors who have taken previously at least one elective in French literature.

*67 *Early French Literature and Historical Grammar.* 2 hrs.

Professor J. LUQUIENS.

Mondays and Thursdays, 11.30, $E_1$ O.

The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, and to the interpretation of the earliest texts; the rest of the year to the reading, in full or in extracts, of the best literary productions of the xith, xiith, and xiiith centuries.

This course is primarily for graduate students, but is open to Seniors on the same conditions as course 66.

[68 *French Literature of the xviiith Century.* 2 hrs.]

Professor J. LUQUIENS.

This course will be omitted in 1896–7, but will be given in 1897–8.

*70 *Spanish (elementary course).* 3 hrs.

Professor H. R. LANG.

Mondays, Thursdays, and Saturdays, 9.30, K, O.

This course is open to those who have had Sophomore French or who shall otherwise satisfy the instructor of their fitness to take it. Its aim is to make the student acquire a good pronunciation and to give him such practice in conversation and composition as shall make it possible to dispense more and more with the use of English in the succeeding courses.

Knapp's *Spanish Grammar* and *Spanish Readings* are used.

*71 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.

Professor H. R. LANG.

Tuesdays and Fridays, 9.30, K, O.

This and the following are literary courses, open only to such students as have passed through course 70 or who shall satisfy the instructor of their fitness by passing a special examination, evidence of which, in writing, must accompany the choice of the course.

Spanish Drama. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and *Select Plays of Calderon* (edited by Norman Maccoll, London, 1888) will be read, and lectures given on the origin and development of dramatic art in Spain.

[72 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.

Professor H. R. LANG.

Spanish Fiction. Study of the Novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' *Don Quixote* (edition of Garnier Hermanos, Paris, 1875.)]

This course will be omitted in 1896–7, but will be given in 1897–8.

*75 *Italian (elementary course).* 3 hrs.

Professor H. R. LANG.

Tuesdays, Wednesdays, and Fridays, 10.30, K, O.

This course is open only to those who have had Sophomore French, or who shall otherwise satisfy the instructor of their fitness to take it.

The aim of the course is to give the student a correct pronunciation of Italian, and such a command of grammar and vocabulary as shall lead to a gradual substitution of Italian for English as a means of instruction.

Grandgent's *Italian Grammar* and *Composition;* Baragiola's *Crestomazia italiana ortofonica.*

*76 *Dante's Life and Works.* 1 hr.

Professor H. R. LANG.

Mondays, 10.30, K, O.

This and the following are literary courses, open only to such students as have passed through course 75, or who shall otherwise satisfy the instructor of their fitness to take it.

The *Vita Nuova* and selections from the *Convito* and the *Canzoniere* will be read and explained, and lectures given on Italian poetry previous to Dante and its relations to the literatures of the Provence and of France.

The editions of Fraticelli (*Opere minori*, 3 vols., Florence) will be used as texts, and Scartazzini's *A Companion to Dante* (London, 1893) for reference.

[77 *Dante's Divina Commedia.* 1 hr.

Professor H. R. LANG.

The edition of Fraticelli will be used.]

This course will be omitted in 1896–7, but will be given in 1897–8.

79 *Petrarch.* 1 hr.

Professor H. R. LANG.

Thursdays, 10.30, K, O.

A study of Petrarch's *Rime* and of his influence as the leader of the humanistic movement. Portions of the *Rime* will be critically read and explained, and lectures given on Petrarch's

study of classical antiquity as manifested in his Latin works. G. Mestica's edition of *Le Rime de F. Petrarca* (Florence, 1896) will be used.

This course is offered only to those who have already studied Dante.

## COURSES IN THE GERMANIC LANGUAGES

80 *Second-year German.* 3 hrs.

Dr. W. A. ADAMS.

Tuesdays, Wednesdays, and Fridays, I, 9.30; II, 10.30, $B_0$ O.

Reading of short stories by Riehl, Heyse, and Keller; of a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature. Practice in writing German. Study of word-formation. Students who have already had one year of German, and wish to continue its study, will choose this course, which is open only to those who have taken elementary German in Freshman or Sophomore year, and to those who have passed the admission examination in German.

82 *Schiller, Works and Life.* 2 hrs.

Assistant Professor G. GRUENER.

Tuesdays and Fridays, I, 9.30; II, 10.30, $F_1$ O.

Rapid reading of plays, poems, and prose writings of Schiller, with study of his life. The object of this course is to acquaint the student more fully with the vocabulary and style of standard German literature, and to present Schiller's character and influence as a writer and thinker. The course is open only to those who have previously had at least two years of German.

83 *Prose of Modern Historians and Critics.* 2 hrs.

Dr. W. A. ADAMS.

Mondays and Thursdays, 10.30, $B_0$ O.

Rapid reading of selections from history, political writings, and literary criticism. The object of the course is to acquaint the student more fully with the historical and critical vocabularies and styles. The course is open only to those who have previously had at least two years of German.

84 *Scientific German.* 2 hrs.

Professor A. H. PALMER.

Tuesdays, 11.30, and Saturdays, 9.30, $F_2$ O.

Rapid reading of extracts and monographs treating of subjects in natural science. The object of this course is to introduce the student to the more general vocabulary of modern scientific German. The course is open only to those who have previously had at least two years of German.

85 *German Composition and Conversation.* 3 hrs.

Assistant Professor H. OERTEL.

Tuesdays, Wednesdays, and Fridays, 10.30, $E_2$ O.

For practice in speaking and writing. This course, conducted in German, is especially intended for those who look forward to teaching German and open to those only who have done superior work in German. Translation into German of narrative prose and of selections from history and literature; during the second term, also original essays; special topics are assigned for discussion in German.

86 *Goethe, Works and Life.* 3 hrs.

Professor A. H. PALMER.

Mondays, Wednesdays, and Thursdays, 10.30, $F_2$ O.

After an outline-study of Goethe's life and development in connection with his lyric poems, his early prose writings, and his principal dramas, particular attention will be given to Faust I and II, the later prose works, and Goethe's important utterances in letters, journals, and conversations. This course is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.

87 *History of German Literature, 1624–1832.* 2 hrs.

Professor A. H. PALMER.

Tuesdays and Fridays, 9.30, $F_2$ O.

The development of German literature will be studied from the time of Opitz to Goethe's death. The text-books will be: Kluge's *Geschichte der deutschen National-Litteratur*, Scherer's *History of German Literature*, Max Müller's *The German Classics*, and Hillebrand's *German Thought from the Seven Years' War to*

*Goethe's Death.* This course is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.

[*90 *Gothic, Old High German, and Old Saxon.* 2 hrs.

Professor A. H. PALMER.

An introductory course, especially for those intending to study historically German or English.

The first half-year is given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik* or Wright's *Gothic Language Primer*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German.*

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch;* Gallée's *Altsächsische Grammatik* and Behaghel's *Hêliand.*]

This course will be omitted in 1896–7.

*91 *Middle High German.* 2 hrs.

Assistant Professor G. GRUENER.

Wednesdays, 10.30, and Fridays, 8.30, $F_1$ O.

Hartmann; *Nibelungenlied;* selected poems of Walther von der Vogelweide. Lectures and papers.

*92 *German Literature of the Reformation-Period (1500–1624).* 2 hrs.

Assistant Professor G. GRUENER.

Wednesdays and Saturdays, 8.30, $F_1$ O.

The development of German literature is studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read, chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.

[*93 *Lessing.* 2 hrs.

Dr. R. N. CORWIN.

This course aims to acquaint the student with the regeneration of German literature through Lessing in his two-fold capacity of literary critic and poet. After an outline-study of Lessing's life,

and the literary and political conditions of the times, his works are read and discussed. Particular attention is given to the development of literary criticism and of the drama.]

This course will be omitted in 1896–7.

[*94 *Goethe's Dichtung und Wahrheit.* 1 hr.

Dr. W. A. ADAMS.

This course will aim at two things—a study of the autobiography itself, and through it of Goethe.

The text will be read privately. In the class-room the work will be commented upon, explained, and discussed book by book and as a whole. Topics for special investigation will be assigned and reports presented by members of the course.]

This course will be omitted in 1896–7.

[*95 *Old Norse (Icelandic).* 2 hrs.

Professor A. H. PALMER.

Grammar, and reading in the Sagas and the Elder Edda.]

This course will be omitted in 1896–7.

[96 *Norwegian and Danish.* 2 hrs.

The object of this course is to lay the foundation for a reading knowledge of the language. Together with study of the grammar, selections from the writings of modern authors are read.]

This course will be omitted in 1896–7.

[97 *Swedish.* 2 hrs.

The object of this course is to lay the foundation for a reading knowledge of the language. Together with study of the grammar, selections from the writings of modern authors are read.]

This course will be omitted in 1896–7.

## COURSES IN ENGLISH.

### RHETORIC.

*Privilege of Consultation.* Doctor Baldwin offers the privilege of regular consultation to a limited number of students, graduate and undergraduate, who wish to combine an optional course in composition with any elective course requiring essays, or to study some distinct kind of writing. This privilege can be accorded more largely in the second than in the first term. (See also course 25, in Argumentation.)

[100 *History of English Literature.* 2 hrs.

Professor A. S. COOK.

An outline of the subject, on the basis of standard literary histories and critical works, with considerable reading of English authors at first hand. Frequent preparation of brief papers on assigned topics. A rather large number of books is required in this course.]

This course will be omitted in 1896–7.

102 *Chaucer and Burns.* [Juniors.] 2 hrs.

Professor H. A. BEERS.

Mondays and Fridays 4.00 (second term, 2.00), 176 Lyc.

A critical reading of portions of the *Canterbury Tales*, *Troylus and Creseyde* (entire), and selected poems of Burns, with incidental study of Middle English and the Scottish dialect.

103 *Shakespeare.* [Juniors.] 2 hrs.

Professor H. A. BEERS.

Tuesdays and Thursdays, 4.00 (second term, 2.00), 176 Lyc.

A rapid reading of twenty-five plays, with special reference to dramatic construction and character-presentation. Designed, in part, to lay a foundation for the further study of the drama in Senior year.

104 *English Romanticism.* [Seniors.] 2 hrs.

Professor H. A. BEERS.

Mondays and Fridays, 5.00 (second term, 3.00), 176 Lyc.

A lecture-course in the history of the English romantic movement [1726–1896], with some attention to the parallel movements in Germany and France. The class will read for examination prescribed works of Thomson, Shenstone, Akenside, Gray, Walpole, Collins, the Wartons, Percy, Macpherson, Chatterton, Radcliffe, Lewis, Scott, Coleridge, Bowles, Byron, Ruskin, Rossetti, Morris, Swinburne, and other authors.

*105 *Medieval Allegory.* [Seniors.] 2 hrs.

Professor H. A. BEERS.

Tuesdays and Thursdays, 5.00 (second term, 3.00), 176 Lyc.

A study of medieval allegory, embracing the *Purgatorio* of Dante, the *Romaunt of the Rose* (Chaucerian translation), and

*Piers Plowman*, with one or more of the morality plays, and parts of Stephen Hawes's *Pastime of Pleasure.*

Those choosing this course should have a fair reading knowledge of Italian.

107*a* *Shakespeare's English Historical Plays.* 2 hrs. 1st term.

Professor A. S. Cook.

Mondays and Thursdays, 9.30, $C_1$ O.

Shakespeare's ten chronicle plays, and the English history they contain. Warner's *English History in Shakespeare's Plays* will be used as an outline guide.

107*b* *Milton.* 2 hrs. 2d term.

Milton's chief poetical works, and, if time permits, some of the more interesting specimens of his prose. The study will be somewhat critical and comparative, with reference to the literary principles and models by which Milton was guided.

108 *Tennyson and Browning.* 2 hrs.

Professor A. S. Cook.

Wednesdays and Saturdays, 8.30, $C_1$ O.

Critical study of selected poems. Tennyson and Browning's theories of life, literary art, and place among the poets of this century. Comparative readings in other authors, and frequent preparation of brief papers on assigned topics.

110 *Elizabethan Drama.* [Seniors.] 2 hrs.

Assistant Professor W. L. Phelps.

Wednesdays and Saturdays, 10.30, 176 Lyc.

A purely literary course in the English Drama, from the Mystery Plays to the closing of the theaters in 1642. The pre-Elizabethan period is read and discussed briefly with the object of getting an historical background. Some plays of all the principal dramatists from 1580 to 1640, except Shakespeare, will be read: Greene, Peele, Lyly, Kyd, Marlowe, Ben Jonson, Dekker, Chapman, Heywood, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley. As a rule, one play will be read for each lesson.

112 *Georgian Literature of the Nineteenth Century.* [Juniors.] 2 hrs.

Mr. C. M. Lewis.

Mondays and Fridays, 5.00 (second term, 3.00), $A_2$ O.

Critical study of representative selections from the prose and verse of Wordsworth, Coleridge, Lamb, Landor, DeQuincey, Scott, Byron, Shelley, and Keats. Lectures on the personal history of the authors studied, and on contemporary social life in England.

113 *Men and Manners in the Age of Pope.* 2 hrs.

Mr. H. A. Smith.

Tuesdays and Thursdays, 5.00 (second term, 3.00), $D_1$ O.

Life of the times as reflected in anecdotic, periodical, and epistolary literature during the first half of the eighteenth century; authors and public opinion. Wide reading along special lines.

114 *Comparative Criticism.* [Juniors.] 2 hrs.

Mr. H. A. Smith.

Wednesdays and Saturdays, 10.30, $D_1$ O.

A comparison of eighteenth-century standards of criticism, as shown in Addison, Pope, and Johnson, with those of Wordsworth, Coleridge, Leigh Hunt, Matthew Arnold, and Walter Pater. Lectures on the development of English criticism. Outside illustrative reading, with papers on special topics.

118 *Old and Middle English.* 2 hrs.

Professor A. S. Cook.

Mondays and Thursdays, 10.30, $C_1$ O.

An elementary course in the beginnings and earlier development of the English language and literature. The first term is devoted to Cook's *First Book in Old English*, and *Exercises in Old English*. In the second term this is followed by more difficult Old English texts, and by the reading of selections from Chaucer and other Middle English writers for linguistic purposes.

## V. ANCIENT LANGUAGES AND LINGUISTICS

Within the group of classical languages and literature, students may change from one course to another at the close of the first term, provided (1) that they secure the consent of the instructors of both courses, and (2) that the change involves no conflict of hours of recitation.

### COURSES IN GREEK

120 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs.

Professor T. D. SEYMOUR.

Mondays and Fridays, 3.00, 17 Phelps Hall.

The works of these poets are read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions. The reading will begin with the sixth book of the *Iliad.*

[121 *Aeschylus and Pindar.* 2 hrs.

Professor T. D. SEYMOUR.

The *Persians* and *Seven against Thebes* of Aeschylus, with special attention to the historical element in the *Persians*, as well as to the dramatic structure of the two plays. The principal extant odes of Pindar will be read, and a sketch of Greek Lyric Poetry will be given.]

This course will be omitted in 1896–7.

*123 *Sophocles.* 2 hrs.

Professor T. D. GOODELL.

Tuesdays and Fridays, 9.30, 15 Phelps Hall.

Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of metres, and the like. A brief introduction to Greek rhythmic and metric is given by lectures.

This course is intended for Graduates and for Juniors and Seniors who have done superior work in Greek. Each student should have the complete edition of Sophocles by Schneidewin-Nauck with German notes (Weidmann), or that by Wunder-Wecklein with notes in Latin (Teubner). The edition in seven volumes by Jebb (Macmillan) is on some accounts better, but is expensive.

124 *Euripides.* 2 hrs.

Professor H. M. REYNOLDS.

Tuesdays and Fridays, 12.30, 14 Phelps Hall.

A reading-course with reference to Euripides' poetic and dramatic quality. Five or six plays will be read. Discussion of the poet's relation to his own times, style, metres, dramatic innovations, and influence on the Roman and the modern dramatists, with occasional lectures.

125 *The Choephori of Aeschylus, the Electra of Sophocles, and the Electra of Euripides.* 2 hrs.

Mr. C. L. KITCHEL.

Wednesdays and Saturdays, 9.30, 8 Phelps Hall.

These plays, together with the *Frogs* of Aristophanes, will be read and carefully compared, with the intent of noting the development of the drama thus exhibited. The points of similarity and dissimilarity between the ancient and the modern drama will be sought for.

[126 *Aristophanes. The Testimony of Old Athenian Comedy to the Political and Social Life of its Time.* 2 hrs.

Professor B. PERRIN.

The *Acharnians*, *Knights*, *Wasps*, and *Birds* are read entire, together with extracts from the other plays, and some of the more notable *Fragments*. The complete Teubner text of Aristophanes (ed. Bergk, 2 vols., which may be bound in one), is necessary for those who take the whole course, and Merry's and Graves' annotated editions of the plays read entire (Clarendon and Pitt Press Series, Macmillan & Co., N. Y.). The course may be dropped or entered at the winter (holiday) examinations.]

This course will be omitted in 1896–7, but will be given in 1897–8.

[127 *The Sicilian Invasion.* 2 hrs.

Mr. C. L. KITCHEL.

The Sixth and Seventh Books of Thucydides will be read. The relation of this great catastrophe to the preceding and the subsequent history of the Athenian empire will be emphasized; the geography and topography involved will be carefully considered, and the author will be compared with the historians who preceded and followed him.]

This course will be omitted in 1896–7.

[128 *Plato.* 2 hrs.

Professor T. D. SEYMOUR.

The *Gorgias* and several of the minor dialogues are read, chiefly with reference to the characteristics of Plato's literary style and the form of the dialogue, but without neglecting entirely the Platonic philosophy.]

This course will be omitted in 1896–7.

129*a* *The Phaedo of Plato.* 2 hrs.

Professor T. D. SEYMOUR.

Tuesdays and Thursdays, 3.00, 21 Phelps Hall.

Introduction to the literary and philosophical study of Plato.

129*b* *Aristotle's Nicomachean Ethics.* 2 hrs.

Books i–iv and x, with a study of Aristotle's methods of research and statement.

[130 *Demosthenes.* 2 hrs.

Mr. C. L. KITCHEL.

A literary and rhetorical study of Demosthenes' *Oration on the Crown* and of Plutarch's *Lives of Demosthenes and Cicero.*]

This course will be omitted in 1896–7.

*131 *Greek Inscriptions.* 3 hrs.

Professors H. M. REYNOLDS and H. OERTEL.

Mondays, 10.30, 38 V.

*a. Attic Inscriptions*, with reference to the history of the alphabet, grammatical peculiarities, formulae, and historical content. The student is familiarized with the reading of inscriptions in their original form (by means of paper squeezes).

Tuesdays, 2.00 to 4.00, 21 Phelps Hall.

*b. Greek Dialect Inscriptions* will be read chiefly from the grammatical side, together with the fragments of the lyric poets, with special reference to the help that may be derived from the inscriptions for the constitution of their text. The text-books are Cauer's *Delectus Inscriptionum Graecarum*, and Bergk's *Anthologia Lyrica.*

[132 *Lucian.*

Professor H. M. REYNOLDS. 2 hrs. both terms.

A general-reading course in prose, with discussion of the life and times of Lucian and of his influence upon modern literature. The *Dream*, *Charon*, *Timon*, *Angler*, and *True History* will be read, with many minor pieces, including the *Dialogues of the Gods* and *Dialogues of the Dead.* The Teubner text will be used together with Williams's *Selections from Lucian.*]

This course will be omitted in 1896–7.

133 *Greek Composition and Sight-Reading.* 2 hrs.

Mr. C. L. BROWNSON.

Mondays and Fridays, 4.00, 17 Phelps Hall.

Alternate exercises in composition and in the translation at sight of selections from Xenophon. The course is designed especially for those who intend to teach.

134 *Hellenistic Greek.* [Seniors.] 1 hr.

Dr. A. FAIRBANKS.

Fridays, 10.30, 118 N.

Readings from the Septuagint; characteristics of Hellenistic Greek; light thrown on the New Testament by usages in the Septuagint.

[135 *Greek Social Life.* 1 hr.

Professor B. PERRIN.

In close, though not necessary connection with the course in Aristophanes (126), a weekly quiz, conference, or lecture is held on the social life, customs, manners, and beliefs of the ancient Greeks, particularly of the Athenians. The Gardner-Jevons *Manual of Greek Antiquities* (New York, Scribners', 1895) is used as outline and manual. Supplementary reading in the best authorities is assigned, and reports on this reading, either oral or written, are required. This course cannot be divided at the winter (holiday) examinations.]

This course will be omitted in 1896–7, but will be given in 1897–8.

[136*a* *Greek Archaeology.* 1 hr.

Professor T. D. GOODELL.

An outline study of Greek pottery, architecture, and sculpture, with some attention to gems, metal work, coins, figurines, and painting, as illustrated by existing examples. The subject is taken up by periods, to show the historical development of Greek artistic production and its relation to other phases of Greek life and to modern art. Photographs, the large collection of archaeological works belonging to the Library, the University coin-collection, and the casts of the Art School, are freely used in lectures and are made available for private study.]

This course will be omitted in 1896–7.

[136*b* *Greek Archaeology.* 2 hrs.

The same as 136*a*, with the addition of another hour, which is devoted to individual work on special topics. A good reading knowledge of French or German is essential.]

This course will be omitted in 1896–7.

*137 *Greek Worship and Belief.* [Seniors.] 2 hrs.

Dr. A. FAIRBANKS.

Tuesdays and Fridays, 9.30, 118 N.

Lectures and conferences (*a*) on forms of Greek worship, and (*b*) on the types of Greek gods in worship, in literature, and in art. The Gardner-Jevons *Manual of Greek Antiquities* will serve as a starting point for study.

138 *The Greek Theater.* 1 hr.

Mr. C. L. BROWNSON.

Wednesday, 5.00 (second term, 3.00), 17 Phelps Hall.

Deals with the plan and structure of the theater, with special reference to the stage question, and with scenic antiquities in general. The subject is studied from both the archaeological and the literary points of view. The results of recent excavations are discussed in lectures, and illustrative extracts are read from tragedy and comedy.

COURSES IN LATIN

*140 *Early Latin.* 1 hr.

Professor T. PECK.

Wednesdays, 9.30, 18 Phelps Hall.

Inscriptions and the ante-classical literature will be studied on the basis of Allen's *Remnants* and Merry's *Fragments*.

This course is open only to those undergraduates who have done superior work in Latin.

*142 *Latin Composition.* 1 hr.

Professor T. PECK.

Tuesdays, 9.30, 18 Phelps Hall.

Oral and written exercises based largely on the latinity of Cicero's letters.

This course is open only to those undergraduates who have done superior work in Latin.

143 *The Letters of Pliny and Cicero.* 2 hrs.

Professor T. PECK.

Mondays and Thursdays, 10.30, 18 Phelps Hall.

In this course prominence will be given to the study of Roman private antiquities.

144 *Hexameter Poetry.* 2 hrs.

Professor T. PECK.

Tuesdays and Fridays, 10.30, 18 Phelps Hall.

Ennius (the *Annals*), Lucretius, and Horace (the *Epistles*).

[*145 *The Conspiracy of Catiline.* 2 hrs., *to count as 1 hr.*

Professor E. P. MORRIS.

A study of the Conspiracy of Catiline from the sources, involving the reading of Cicero *in Catilinam i–iv* and *pro Murena*, Sallust's *Catilina*, Asconius on the oration *in Toga Candida*, and some chapters of Dio Cassius, Plutarch, and Appian.

Each session will occupy two hours, and little outside work will be required. Not more than ten undergraduates will be admitted to this course.]

This course will be omitted in 1896–7.

[146 *Latin Lyric and Elegiac Poetry.* 2 hrs.
Professors H. P. WRIGHT and E. P. MORRIS.

Books iii and iv of the *Odes* of Horace, Latin Hymns (50 pages), selections from Catullus, Tibullus, and Propertius, with special reference to literary qualities.]

This course will be omitted in 1896–7.

148 *Latin Satire and Comedy.* 2 hrs.
Professors H. P. WRIGHT and E. P. MORRIS.

Mondays and Thursdays, 9.30, 11 Phelps Hall.

Juvenal and Martial—*Satires* vii, viii, x, xi, xii, of Juvenal, with selections from Martial, with special reference to a study of the private life of the Romans.

Plautus—Three or four plays, with study of literary history, form, and influence.

150 *Roman Law.* 2 hrs.
Dr. J. J. ROBINSON.

Mondays and Thursdays, 12.30, 9 Phelps Hall.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession. The work consists of lectures, assigned readings, and recitations upon lectures and readings.

The text of the *Institutes* of Justinian will be translated, the instructor explaining particularly the technical expressions of lawyers' Latin and lecturing upon the titles which embrace the most important principles of Roman jurisprudence. The class is not required to do philological work in this course. The study of the *Institutes* will be prefaced by lectures upon the history of Roman legislation and supplemented by reference to selected titles of the *Digest* and the commentaries of Gaius.

The Teubner text of *Justiniani Institutiones*, edited by Huschke, is used in the class-room.

155 *Latin Literature.* 2 hrs.
Dr. J. W. D. INGERSOLL.

Tuesdays and Thursdays, 5.00, 18 Phelps Hall.

An attempt to trace the history and development of the main departments of Latin Literature. Selections from the principal writers will be read, with informal lectures, and perhaps some manual (*e. g.*, Bender's) will be used. The selections will be so chosen as not to interfere with or duplicate work in other courses.

Text-book: Smith's *Latin Selections.*

COURSES IN SANSKRIT, LINGUISTICS, AND COMPARATIVE PHILOLOGY

165 *Sanskrit (elementary course).* 3 hrs.

Assistant Professor H. OERTEL.

Mondays and Fridays, 2.30, Wednesdays, 3.00, 21 Phelps Hall.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.

[167 *Introduction to Comparative Syntax.* 2 hrs.

Professor E. W. HOPKINS.]

This course will be omitted in 1896–7.

[168 *Linguistics.* 2 hrs.

Assistant Professor H. OERTEL.

A discussion of the general principles and chief problems of linguistic science, such as sound-change, the causes of change of meaning, the fundamental facts of syntax, the relation of grammar to logic, the origin of language, the relation of linguistics to ethnology, etc. H. Paul's *Principles of the History of Language* is used as a text-book, and the separate topics are critically examined. The course is largely conducted by lectures, but will require some outside reading and occasionally the preparation of abstracts of articles, etc. No knowledge of Sanskrit is necessary for this course.]

This course will be omitted in 1896–7.

## VI. BIBLICAL LITERATURE

170 *Hebrew (elementary course).* 4 hrs.

Professor F. K. SANDERS and Dr. H. CREELMAN.

Mondays, Tuesdays, Thursdays, Fridays, 3.00, 184 Lyc.

The first term is devoted to the mastery of the elements of etymology and syntax in connection with a detailed study of *Genesis i–iv.* During the second term the work is more diversified, including reading at sight, a careful but fairly rapid reading of easy historical passages with especial reference to forms,

idioms, and simple syntax, and one hour per week of close grammatical work. After Easter some simple lectures are given on the Hebrew language.

This course prepares a student to read ordinary Hebrew with considerable ease. It is adapted to three classes of students: those who intend to enter a Theological Seminary, those whose taste for linguistic study leads them to desire to become acquainted with the Semitic family of languages, and those who desire to acquire Hebrew in order to interpret rightly the Old Testament.

171 *Hebrew Poetry, Law, History, and Prophecy.* 2 hrs.

Professor F. K. SANDERS.

Tuesdays and Wednesdays, 10.30, 184 Lyc.

Selections from the short poems found in the historical books of the Old Testament, from the legal material of *Exodus* and *Deuteronomy*, from the histories of *Samuel* and *Kings*, and from the *Minor Prophets*, giving a general acquaintance with the varied contents of the Hebrew Bible. At times stress is laid upon critical work; at other times upon rapid but accurate reading; the general purpose being to lay a broad basis for advanced work either in a Theological Seminary or in a University or for satisfactory private study.

174 *Sight-reading in Hebrew.* 1 hr.

Mr. H. W. DUNNING.

Thursdays, 2.00–4.00, 184 Lyc.

A graduate course to which Seniors may be admitted who have already taken course 170. The class reads at least two hours each week, but they may be counted as the equivalent of one hour only. In connection with the sight-reading of the *Hexateuch* or the *Histories*, special attention will be paid to the literary analysis into sources.

175 *Arabic (elementary course).* 2 hrs.

Dr. H. CREELMAN.

Tuesdays and Thursdays, 2.00, 184 Lyc.

During the first term the principles of the language are mastered in connection with the careful study of the Arabic version of *Genesis i–iii*. From Christmas until Easter the class reads in easy Arabic. After Easter selected *Suras of the Quran* are care-

fully read. In connection with these, lectures are given by the instructor on early Arabian civilization, Arabic literature, the structure and general contents of the *Quran*, and the history of Islam.

This course affords a thorough introduction to classical Arabic. It is valuable to one interested in thorough Semitic study or to one interested in Comparative Religion, and is only moderately difficult for one who has already studied Hebrew.

176 *Assyrian (elementary course).* 2 hrs.

Dr. H. CREELMAN.

Thursdays and Fridays, 4.00, 184 Lyc.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib, in the cuneiform, some copying from tablets, and lectures on Assyrian history and literature, especially in their bearing on Biblical questions.

180 *Biblical Literature (English).* 2 hrs.

Professor F. K. SANDERS.

I, Wednesdays and Saturdays, 9.30, } 184 Lyc.
II, Tuesdays and Fridays, 12.30, }

A survey of the whole Bible in English from an historical and literary standpoint, the material being arranged, as far as possible, on the principle of chronological and historical connection. The course aims to promote (1) a classified and organized grasp of the contents of the English Bible, (2) a realization of the historical position and significance of the Hebrew people as a Western Asiatic and Semitic race from the earliest times to the fall of Jerusalem, A. D. 70, (3) an appreciation of the Bible as literature and as a literary whole, (4) an intelligent attitude towards the various problems raised by Biblical criticism. It is a two years' course and may be advantageously begun in either year.

The second year's course (*b*) is given in 1896-7.

*a.* The first year's course is a study of Old Testament history and literature down to the Exile, including the *Hexateuch*, the Historical books through *II Kings*, the pre-exilic *Prophets*, *Proverbs*, the *Song of Songs*, and portions of the *Psalter*. Much attention is paid to the assured results of Oriental exploration and to Western Asiatic history in so far as it relates to the Bible.

*b.* The second year's course is a study of Biblical history and literature from the Exile to the close of the New Testament period, including the remainder of the Old Testament, some of the Apocrypha, and the whole New Testament. In connection with it a brief survey is taken of the Neo-Babylonian, Persian, Macedonian, and Roman empires in the East, as they affected the Biblical history.

Students in these courses have access to a carefully selected reference library and to much illustrative material. A course of illustrated University lectures is given each year, primarily for their benefit.

183 *The Pauline Epistles (English).* 1 hr.

President DWIGHT.

Mondays, 3.00, in $B_1$ O.

A review of these Epistles with reference to the thoughts and teachings of Paul. The *Epistles to the Corinthians* and *Galatians* will be especially considered.

185 *The Three Major Prophets (English).* 1 hr.

Dr. H. CREELMAN.

Mondays, 2.00, 175 Lyc.

A careful study of the three prophetic books of *Isaiah*, *Jeremiah*, and *Ezekiel*, with especial reference to their historical setting, their contents chronologically arranged, their literary form, and their historic sequence of ideas.

[186 *The Minor Prophets (English).* 1 hr.

Dr. H. CREELMAN.

A similar study of the *Minor Prophets* taken in chronological order.]

This course will be omitted in 1896–7, but will be given in 1897–8.

187 *Messianic Prophecy (English).* 1 hr.

Dr. H. CREELMAN.

Wednesdays, 2.00, 175 Lyc.

A survey of the Messianic material in the Old Testament, so far as to show the historical development of the conception and the various forms in which it was embodied.

[188 *Old Testament Wisdom-Literature (English).* 1 hr.
Dr. H. CREELMAN.

A study of the books of *Job*, *Ecclesiastes*, *Proverbs*, and the *Song of Songs*, in connection with a survey of the character, development, and value of Hebrew speculative thought.]

This course will be omitted in 1896–7, but will be given in 1897–8.

## VII. THE FINE ARTS

A course of lectures, during the second term, Tuesdays at 4.00, by Professor J. M. Hoppin, will treat of Greek art in its own environment of place and scene in the light of a recent visit to Greece, and is in a way judged to be most useful to classical students. It consists of ten lectures on the following topics.

I. The land of Greece in its relation to Greek art. II. Delphi and Mt. Parnassus, sources of Greek religious art. III. Marathon, and recent explorations in Attica. IV. Athens, modern and ancient. V. The Acropolis, and the Acropolis Museum. VI. The National Museum at Athens. VII. Mycenae, and Mycenaean art. VIII. Discoveries at Argos and Epidaurus. IX. Explorations at Olympia. X. Olympia, and the Hermes of Praxiteles.

190 *Drawing.* [Juniors.] 2 hrs.
Professor J. H. NIEMEYER.

Tuesdays and Thursdays, 2.00–3.50, Art School.

This course consists of two exercises a week, of two hours each, in drawing from the Antique and from Life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of Art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

To those who are interested in Art only as part of a liberal education, as well as to those who wish to make Art in any form

a profession, this course is equally adapted. Each student's work and progress is independent of every other's in the class. Work done outside of the class-room is encouraged and carefully considered when brought for criticism.

191 *Painting.* [Seniors.] 2 hrs.

Professor J. F. WEIR.

Mondays and Fridays, 2.00–3.50, Art School.

This course consists of two exercises a week, of two hours each, and is open only to those who have taken course 190 in their Junior year. The course consists principally of studies in Water-Color Painting, and includes lectures on the Grammar of Art, on Painting, Sculpture, and Architecture, technically considered, with a critical account of the various Schools and their representative Masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

192 *Modeling.* [Seniors.] 2 hrs.

Professor J. F. WEIR.

Tuesdays and Thursdays, 2.00–3.50, Art School.

Two exercises a week, of two hours each. This course is open only to those who have taken course 190 in their Junior year. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 191.

## VIII. PHYSICAL AND NATURAL SCIENCE

### COURSES IN PHYSICS

200 *Physics.* 3 hrs.

Professor E. S. DANA and Dr. A. L. DAY.

Mondays. Wednesdays, and Fridays, I. at 8.30, II. at 11.30, V. at 12.30,

Tuesdays, Thursdays, Saturdays, III. at 8.30, IV. at 11.30, Sloane Physical Laboratory.

A general course, taking up first the properties of Liquids and Gases, then the subjects of Heat, Sound, Light, and Electricity; with class-room illustrations. Open to those who have not already done similar work in Junior or Sophomore year. The

course is conducted in connection with the Sophomore Physics. It must be taken by all who desire to go on later with the courses in Laboratory Physics (202, 203).

*202 *Physics.* 4 hrs., *to count as 2 hrs.*

Professor A. W. WRIGHT.

I, Mondays and Thursdays, 9.30–11.20, } Sloane
II, Tuesdays and Fridays, 9.30–11.20, } Physical Laboratory.

Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

The successful prosecution of this course requires practical facility in the application of the Physics and Mathematics of the previous years, the lack of which may be made a reason for exclusion from the course.

203 *Physics.* [Seniors.] 3 hrs., *to count as 2 hrs.*

Professor A. W. WRIGHT.

Wednesdays, 10.30–12.20, and Thursdays, 11.30, Sloane Physical Laboratory.

A more advanced course of laboratory work in Physics, in continuation of course 202, and open only to those who have already pursued that course.

This course will consist of one laboratory exercise of two hours each week on Wednesdays, and one exercise of one hour each week, on Thursdays. The latter will be in the nature of a recitation, discussion, or conference, with the use of some text-books, and will involve the theoretical study of special points of Physics in detail.

The course includes practical problems in Physical experimentation of more elaborate character, and worked out with greater detail. Those students who make sufficient advance will be encouraged to undertake original investigations, in which they will receive necessary assistance and guidance, and will have free use of the resources of the Sloane Physical Laboratory.

COURSES IN CHEMISTRY

210 *Experimental Inorganic Chemistry.*

6 hrs., *to count as 3 hrs.*

Professor F. A. GOOCH, and Dr. P. E. BROWNING.

I, Mondays and Fridays, 2.00–3.50,
II, Tuesdays and Thursdays, 2.00–3.50,
III, Tuesdays and Fridays, 9.30–11.20,
I, II, and III, Wednesdays, 3.00–4.50,
} Kent Chemical Laboratory.

Practical laboratory work, lectures, and written exercises. An introduction to elementary chemical theory, the use of symbols and equations, and the descriptive study of the elements and their compounds. While elementary and fundamental in character, this course is probably sufficient for the needs of those who desire merely a very general knowledge of the facts and methods of chemistry. It is a prerequisite to the other courses in Chemistry, and to the course in Biology (241).

211 *Qualitative Chemical Analysis.* 6 hrs., *to count as 3 hrs.*

Dr. P. E. BROWNING.

Mondays, Wednesdays, and Thursdays, 9.30–11.20, Kent Chemical Laboratory.

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. This course is of special importance to those who intend to study medicine, engineering, or the technical professions in general, or who desire to teach elementary science. It is open to those who have already completed course 210.

212 *Elementary Organic Chemistry.* 4 hrs., *to count as 2 hrs.*

Professor F. A. GOOCH.

Tuesdays and Fridays, 9.30–11.20, Kent Chemical Laboratory.

An introduction to the study of the compounds of carbon. Laboratory work with lectures. This course is a desirable adjunct to courses 210 and 211 for those who purpose to become students of medicine or applied chemistry, or who have a special interest in chemistry. It is open only to those who have completed course 210.

213 *Quantitative Chemical Analysis.* 6 hrs., *to count as 3 hrs.*

Professor F. A. GOOCH.

Tuesdays and Thursdays, 2.00–4.50, Kent Chemical Laboratory.

Laboratory practice in the use of the simpler methods of gravimetric and volumetric quantitative analysis. This course is intended chiefly for those who wish to study exact methods of manipulation and treatment with a view to the application of analysis to scientific or practical ends. It is open to those who, having completed course 210, have either taken course 211 previously or propose to take it at the same time.

[214 *Chemical Theory.* 2 hrs.

Professor F. A. GOOCH.

This course is primarily a course for graduates, but it is also open to those who have already taken course 210, or its equivalent, and have shown a special aptitude for chemistry. It is devoted to the study and discussion of the general principles and theories of chemistry. There is no laboratory work, and therefore no fee is charged.]

This course will be omitted in 1896–7, but will be given in 1897–8.

## COURSES IN GEOLOGY AND MINERALOGY

220 *Geology.* 2 hrs.

Professor H. S. WILLIAMS.

Mondays and Thursdays, 9.30, 5 M.

A course of lectures on the general principles of the science of geology. Historical geology will be studied chiefly from a geological standpoint; the special study of the relation of organisms to geology will be considered in the following course. Those students who wish to gain a thorough knowledge of both aspects of the science are recommended to elect this course in Junior year, following it with course 222 in Senior year. Dana's *Manual of Geology*, 4th edition, will be used as a text-book.

*222 *Geological Biology.* [Seniors.] 2 hrs.

Professor H. S. WILLIAMS.

Mondays and Fridays, 4.00, 5 M.

In this course the biological, in contrast to the physical and dynamical, problems (of course 220) of geology will be studied.

But instead of following the ordinary method of treatment of historical geology, organisms will be the chief objects of study, and their nature, succession, relations to environment, ancestry, and time, and the principles of organic evolution, will be examined from a scientific point of view. Those wishing to make a more practical study of the subject may elect two hours additional for laboratory work. Instruction will be given by lecture, reading and preparation of essays. Open to seniors who have passed satisfactorily in course 220.

*225 *Mineralogy and Crystallography.* [Seniors.] 2 hrs., *to count as 1 hr.*

PROFESSOR E. S. DANA :—

Saturdays, 9.30–11.20, M.

Practical study of mineral species by means of blowpipe analysis and other methods; mathematical study of crystals by the methods of analytical and spherical trigonometry as also of their optical properties. The time is divided about equally between the two parts of the subject; the practical exercises are prolonged to cover two hours when but little outside preparation is called for. Additional opportunity will be given to those desiring it to gain facility in the determination of minerals.

This course can be most advantageously prosecuted by those having some knowledge of chemistry. If the number (necessarily limited) is not made up from the Senior Class, some Juniors will be admitted.

### COURSES IN PHYSICAL GEOGRAPHY AND BOTANY

235 *Physical Geography and Botany.* [Juniors.] 3 hrs.

Professor W. H. BREWER.

*a.* First term: Tuesdays, Wednesdays, and Thursdays, 5.00, 4 S. H.

This course of lectures will include the elements of dynamical geology, meteorology, and of natural history, so far as is necessary for an understanding of the physical geography of the globe and the distribution of species.

Dr. A. W. EVANS.

*b.* Second term: Tuesdays and Thursdays, 2.00–4.00; Wednesdays, 2.00, 18 S. H.

An elementary course in the botany of flowering plants. Laboratory work and recitations. During the first eight weeks the

various parts of a plant, such as seeds, stems, buds, etc., are examined and discussed, and this work is followed by a study of the ordinary native plants of the vicinity.

*237 *General Morphology of Plants.* [Seniors.] 4 hrs., *to count as 2 hrs.*

Dr. A. W. EVANS.

Wednesdays and Fridays, 3.00–5.00, 18 S. H.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life studied and compared. The course is limited to those who can show a satisfactory knowledge of the botany of flowering plants.

## COURSES IN BIOLOGY

240 *Physiology.* [Juniors.] 1 hr.

Professor R. H. CHITTENDEN.

Wednesdays, 2.00, B. L.

Huxley's *Lessons in Elementary Physiology*, with occasional lectures and illustrative experiments. This course is limited to those who take course 210, and is designed as a preparation for courses 241*a* and *b* of Senior year, *and is open only to those intending to take these courses.*

241 *Elementary Anatomy, General Biology, and Physiological Chemistry.* [Seniors.] 4 hrs.

Mondays and Fridays, 2.00–3.50; Tuesdays and Thursdays, 3.00–4.50, B. L.

This course is open only to those who have taken courses 210 and 240 in Junior year.

Professor S. I. SMITH.

*a.* First term : *Elementary Anatomy and General Biology.*

Four exercises a week, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals and in vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations.

Professor R. H. CHITTENDEN.

*b.* Second term : *Physiological Chemistry.*

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nerve tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and so far as the time allows, of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

A short course of lectures by Professor Smith on Embryology, and a somewhat longer one by Professor Chittenden on Experimental Toxicology, are also open to students in the above course.

A laboratory fee is charged for course 241. The student in addition must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

243 *Anatomy.* [Seniors.] 2 hrs.

Professor H. B. FERRIS.

Wednesdays, 11.30, and Saturdays, 10.30, Medical School.

A general course in Human Anatomy adapted to the demands of students in biology.

## IX. MATHEMATICS

250 *Calculus.* 2 hrs.

Professor A. W. PHILLIPS.

I, Mondays and Thursdays, 10.30, } $B_2$ O.
II, Tuesdays and Fridays, 10.30, }

[251 *Integral Calculus and Mechanics.* [Seniors.] 3 hrs.

Mean values and probabilities ; differential equations ; analytical statics and dynamics. Open only to those who have taken course 250.]

This course will be omitted in 1896–7.

[252 *Analytical Geometry.* 2 hrs.

Professor A. W. PHILLIPS.

A course in Analytical Geometry open to those who have studied the elements of the subject. It includes the use of determinants and trilinear coördinates; methods of tracing algebraic and transcendental curves; applications to map-projection; study of machines for tracing curves, and of models of mathematical surfaces; discussion of the general equations of the second and third degrees; and of the sections of the cones of the second and third degrees.]

This course will be omitted in 1896-7.

253 *Vector Analysis.* [Seniors.] 2 hrs.

Professor J. W. GIBBS.

Mondays and Thursdays, 3.00, Sloane Physical Laboratory.

First term:

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

Second term:

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed for an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

254 *Introduction to the Higher Analysis.* 3 hrs.

Assistant Professor J. P. PIERPONT.

Mondays, Wednesdays, and Fridays, 5.00, E Alumni Hall.

The topics treated in this course, while intended as a preparation for advanced work in analysis, will be very serviceable to students of physics, astronomy, mechanics, etc. They will be nearly as follows: Arithmetical operations with complex numbers; Substitution-groups and their application to the solution of equations; Determinants; Infinite Series and Products; Certain fundamental portions of the Theory of Functions of real and complex variables.

255 *Higher Algebra.* 2 hrs.

Mr. J. BOWDEN.

Tuesdays and Thursdays, 2.00, A Alumni Hall.

The object of this course is to give the student a good working knowledge of the more advanced parts of Algebra, especially in preparation for course 254. To this end selected chapters in Chrystal's *Algebra*, and Burnside and Panton's *Theory of Equations*, will be studied. Among the subjects taken up will be: Theory of complex numbers; General solution of cubic and bi-quadratic equations; Series and the doctrine of limits; Permutations and combinations; Gauss's theorem; General properties of equations, symmetric functions; Interpolation; Continued fractions; Theory of the roots of unity.

256 *Elementary Modern Geometry.* 2 hrs.

Mr. W. M. STRONG.

Mondays and Fridays, 2.00, E Alumni Hall.

This course includes, among other topics, inversion, poles and polars, coaxal circles, transversals, and the theory of projection with its application to the simpler properties of the conic sections.

*257 *Descriptive Geometry (elementary course).*
3 hrs., *to count as 2 hrs.*

I, Mondays and Tuesdays, 4.30–6.00,
II, Thursdays and Fridays, 2.00–3.30, Winchester Hall.

This course includes the principles of Orthographic Projection, the intersection and the development of surfaces, and shades and shadows. Open only to a limited number of those who have studied the Mathematics of Sophomore year.

*258 *Descriptive Geometry (advanced course).* 4 hrs.

I, Mondays, Tuesdays, Thursdays, Fridays, 8.30,
II, Mondays, Wednesdays, Fridays, Saturdays, 11.00–12.00, Winchester Hall.

This course is a continuation of the work in course 257 and is open only to a limited number of those who have taken that course.

260*a* *Descriptive Astronomy.* 3 hrs. 1st half-year.

Assistant Professor W. BEEBE.

Mondays, Wednesdays, Thursdays, 10.30, A, O.

Intended principally for the study of topics connected with the historical and physical side of astronomy. Only so much mathematical work is introduced as is essential to an understanding of such topics. Text-book: Young's *Elements of Astronomy.*

It is intended to offer occasionally in place of the usual recitation an hour for study of constellations and observation with the telescope.

The only courses in the second half-year open to those who choose course 260*a* are Surveying (260*b*), and Botany (235*b*).

260*b* *Surveying.* 5 hrs., *to count as 3 hrs.*, 2d half-year.

Mondays, 10.30, Wednesdays and Fridays, 2.00–3.50, A, O.

One, or sometimes two hours per week are given to recitations. The other exercises are in field- or office-work during the afternoons, each exercise usually occupying not less than two hours.

*Field-Work:* The ordinary operations of land-surveying, leveling, and elementary topography, involving the use of the chain, compass, surveyor's level, transit and plane table.

*Office-Work:* Platting surveys from the field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; examination of instrumental errors.

Text-book: Johnson's *Surveying.*

[261 *Navigation and Nautical Astronomy.* 2 hrs.

Professor E. L. RICHARDS.

This course is open to those who have a knowledge of spherical trigonometry and who have taken Professor Richards's short course in navigation during Sophomore year. The course will treat mostly of the theory of navigation and nautical astronomy, but will also include instruction in the use of charts, and practice in observations with the sextant.]

This course will be omitted in 1896–7.

[262 *Practical Astronomy.* 2 hrs.

Assistant Professor W. BEEBE.

Tuesdays and Fridays, 10.30.

This course is open only to those who have taken course 260. It consists of observatory work with astronomical transit and chronograph for determination of sidereal and standard time, and with sextant and theodolite for determination of latitude and azimuth, numerical computations for reduction of observations, derivation of formulae, and recitations from Loomis's *Practical Astronomy.*]

This course will be omitted in 1896–7.

## X. MUSIC

270 *Harmony.* 2 hrs.

Professor H. W. PARKER.

Tuesdays and Thursdays, 4.00, 3 Tr.

The study of chords, their construction, relations, and progressions.

This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* (Breitkopf & Härtel, New York and Leipsic) is used as text-book.

271 *Counterpoint.* 2 hrs.

Professor H. W. PARKER.

Tuesdays and Thursdays, 3.00, 3 Tr.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

272 *Strict Composition.* 2 hrs.

Professor H. W. PARKER.

Tuesdays and Thursdays, 2.00, 3 Tr.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four- and three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 275.

No text-book is used.

273 *History of Music.* 1 hr.

Professor H. W. PARKER.

Wednesdays, 5.00, 3 Tr.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form are given in the class-room.

274 *Instrumentation.* 2 hrs.

Professor H. W. PARKER.

Wednesdays and Fridays, 3.00, 3 Tr.

This course is open only to students who have done the work of courses 270 and 271, and it is strongly recommended that course 272 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, etc., etc.

275 *Free Composition.* 2 hrs.

Professor H. W. PARKER.

Wednesdays and Fridays, 2.00, 3 Tr.

This course is intended primarily for graduates, and is open only to students who have done the work of courses 270, 271, 272, and 274, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

276 *Practical Music.*

Professor S. S. SANFORD.

Instruction is given in Piano-, Organ-, and Violin-playing to a limited number of students. Fees range from $50.00 to $150.00 for the college year.

## XI. PHYSICAL EDUCATION

280 *Physiology and Gymnastics.* 2 hrs.

Drs. J. W. SEAVER and W. G. ANDERSON.

This course is designed for those who intend to teach gymnastics or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows:

1. *Physiology.*

Thursdays, 7.00 P. M., University Gymnasium.

This work consists of one recitation or lecture a week with Dr. Seaver, during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology; special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The third term is given to a study of sanitary science.

2. *Theory of Gymnastics.*

Mondays and Thursdays, 11.30, University Gymnasium.

Under this head will be discussed by Dr. Anderson (*a*) the scientific basis of physical training; (*b*) history of gymnastics and growth of the various systems; (*c*) means employed, such as apparatus and appliances; (*d*) physical examinations and measurements; (*e*) pedagogy of gymnastics. (One extra evening hour during the second term.) Required text-books, Anderson's *Heavy Gymnastics* and *Methods of Teaching Gymnastics.*

Members of the class will be called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

## XII. MILITARY SCIENCE

290 *Military Science.* [Seniors.] 1 hr.

Professor A. MURRAY.

Mondays, 5.00 (Second term, Mondays and Fridays, 5.00), $B_2$ O.

First term: One lecture a week on the following subjects: Organization of armies; Discipline; Administration; Logistics; Marches; Advanced and Rear Guards; Outposts, Patrols; Artillery, Cavalry, Infantry; Strategy; Field Engineering; The Battle. A written examination is held at the end of the first term, to cover the subjects gone over in the lectures.

During this term instruction in small-arms target practice is given to those who desire it and whose duties permit them to engage in it.

Second term: A drill of two hours per week in the school of the soldier and company.

In addition to the above, a thesis upon some military topic is required of each member of the class, to be submitted to the instructor before June 1, 1897.

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The following statements are added to explain the general aim and scope of the instruction in some of the leading subjects of study.

GREEK—During the first two years, the student reads five or six books of Homer, dramas of Aeschylus, Sophocles, and Euripides, one or two comedies of Aristophanes, selections from the history of Herodotus, one or more orations of Demosthenes, Isocrates, or Lysias, the Apology or some dialogue of Plato; occasionally, the *Symposium* of Xenophon or selected dialogues of Lucian. These works are selected with a view to making the student familiar with the leading branches of Greek literature, and the most interesting phases of Greek life and thought. The most important grammatical principles are reviewed in Freshman year; in Sophomore year, grammatical questions are discussed rarely, except as they are necessary for the interpretation and illustration of the author's meaning. In reading the works of the poets, less attention is paid to linguistic and grammatical points than to their literary quality, to the structure of the poems, to poetic words, forms, arrangement of words, rhythm, and constructions; but the growth and development of the language are discussed as well as the development of the literature. In reading the orators and historians, the connection of thought and of events is made prominent. Greek prose composition is practiced so far only as to aid the student in reading Greek authors, and to quicken his perception of nice distinctions in the order and choice of words and construction.

In the optional courses of the Junior and Senior years, the student has the opportunity of reading the works of the lyric poets, other Greek dramas, and other dialogues of Plato, parts of Aristotle (his *Politics* and *Ethics*), and the *Idyls* of Theocritus; as well as of studying Greek inscriptions, and of doing more critical work on the Homeric poems than is suited to the first College year; also of learning the Modern Greek language. The history of Greek philosophy is studied. Students may also attend Professor Hoppin's fully illustrated lectures on Greek art, in the Art School.

LATIN is continued as a required study till the close of the Sophomore year, when it is intended that the student shall have gained clear conceptions of the genius of the language and its relations to other ancient and to modern tongues, a good knowledge of the characteristics of Latin literature and the essential facts of Roman history, and some appreciation of the position of Rome in the history of civilization. That subsequent reading of the language may be more easy and more exact, due attention is given in the early part of the course to forms, constructions, and idioms. From term to term the study of the literature is made more prominent, and particular texts are treated as means for the study of the public and private life of the Romans. Instruction is given mainly by recitations, but such work is supplemented by occasional lectures by the instructors and by conferences

on papers presented by the pupils. In connection with the minute study of the authors, considerable time is given to oral and written reading at sight, and to composition in Latin.

For Juniors and Seniors who desire to continue their Latin studies, parallel courses are offered by different instructors, with different ends in view and by different methods. The characteristic of a course may be, *e. g.*, literature, or history, or philology, or antiquities, or the speaking and writing of Latin; and the methods of preparation and the class-room treatment vary accordingly. Topics suggested by the nature of the courses, or by individual tastes and intentions, are assigned to students, and papers thus prepared are discussed before the class. Lectures and the rapid reading of large amounts of texts are more frequent than in the prescribed courses. The connection of Latin with English is emphasized, and written translations are from time to time required and criticized with reference both to their faithful reproduction of the Latin thought and their idiomatic English. German annotated editions are often used, not only for their intrinsic helpfulness, but also to encourage the practical use of that language. Students who give evidence of unusual capacity and attainments may be admitted to membership of graduate classes.

MATHEMATICS—In Geometry the exercises consist in recitations from the text-book, the original demonstration of theorems, and applications of the principles to the solution of numerical problems.

After the student has gained facility in the use of trigonometrical tables, the principles of Plane Trigonometry are applied to the problems of Mensuration, Surveying, and Navigation, and likewise those of Spherical Trigonometry to the elementary problems relating to the celestial sphere.

In Mechanics, the elementary principles of Kinematics, Kinetics, and Statics, in reference to solid bodies, are presented with practical applications.

In Algebra the elementary principles of the theory of equations are illustrated graphically, and the student is exercised in the numerical solution of equations of the higher degrees and the graphical representation of the relations of quantities.

In Analytical Geometry the student is carried through the elementary properties of the lines and surfaces of the second degree, and is introduced to the theory of map-projection.

In the Junior and Senior years opportunity is given in the elective courses to obtain a wider knowledge of Algebra, and also of Analytical Geometry and Trigonometry with their applications to Navigation, Geodesy, and Astronomy. A course is provided in Junior year in Differential and Integral Calculus, designed for such as expect to

make a serious study of any department of pure or applied mathematics.

There is also a course in Descriptive Geometry which includes the fundamental principles of orthographic projection, shades and shadows, and linear perspective. This course is open to those who have taken the mathematics of Sophomore year.

In Senior year advanced subjects in the Calculus and the elements of Analytical Mechanics form one line of study.

A course introductory to General Analysis forms another line. This is intended as a preparation for courses in the Theory of Functions, and other advanced work in Analysis.

An elementary and an advanced course are provided in what is called Vector Analysis. The object of these courses is to introduce the student to the methods of multiple algebra in geometry, mechanics, and physics. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's. The elementary course is confined to the simplest algebraic relations of vectors. The advanced course includes differentiations with respect to position in space, and the theory of linear vector functions.

Students who show special aptitude are exercised in the working up of subjects which require the use of the library and more prolonged investigation than the daily exercises of the class-room. Such work begins in Freshman year. There is a considerable collection of models which are used to assist the imagination in the various branches of study.

ENGLISH—The required study of English literature occupies three hours a week through one-third of Freshman year. This work has as its object to make every student intimately acquainted with a part of the works of the greatest English writers, by forming the habit of reading them critically and with a thorough understanding of every sentence; this end is sought to be attained by class-room discussion of six representative plays of Shakespeare, attention being paid to the close interpretation of the text, the development of plot, analysis of character, and general aesthetic criticism.

In Sophomore year the following authors are read: Spenser, Shakespeare, Milton, Addison, Swift, Pope, and Gray. The study is both historical and critical, giving the student an idea of the general development and course of English literature, while, at the same time, aiming to establish sound principles of criticism and secure a better appreciation of literature as an art. The Sophomore course in rhetoric aims at thorough training in the fundamental principles of composition. The weekly recitations and lectures are auxiliary to the individual instruction given in conference on frequent essays.

The DeForest, Townsend, TenEyck, Betts, and McLaughlin prizes (pp. 131–33) are under the superintendence of the Instructor in Rhetoric, and are intended as a stimulus to sound and creditable work in composition. Competitors for these prizes, and a limited number of other students from whom essays are required in connection with their elective courses, have the privilege of regular consultation.

For the present year a prize in poetry, of the value of fifty dollars, is offered to the University by Professor Cook, the judges being Edmund Clarence Stedman, Thomas Bailey Aldrich, and Francis Fisher Browne.

The strictly elective work in English (the Sophomores elect five out of six subjects) follows five different, though related, lines. Instruction is offered in the history of the literature as a whole; in the earlier stages of the language, with reference as well to the reading of the older literature as to linguistic discipline; in composition; in comparative criticism; and in the study of various periods, tendencies, classes of writers, and individual authors.

The course in the history of English literature is meant to deepen and extend the instruction in that subject received in the earlier years.

The course in Old and Middle English is intended to impart a general view of the history of the language, and the elementary knowledge essential to the reading of pre-Chaucerian authors as well as to the fuller understanding of Chaucer himself; this course is especially recommended to all those who look forward to the teaching of English, whether in college or secondary school.

The course in comparative criticism involves a comparison of the critical standards of the eighteenth century with those of the nineteenth, and is intended to develop the aesthetic judgment, and to encourage a discriminating appreciation of literature.

The chief periods of English literature, with reference to which instruction is at present provided, are: (1) the age of Pope; (2) the Georgian period. The chief tendencies discussed are those comprised under the terms Medieval Allegory and English Romanticism. The chief class of writers examined is the Elizabethan Dramatists. The chief individual authors studied are Chaucer; Shakespeare, in two different courses, pursuing two somewhat different objects; Bacon; Milton; Browning; and Tennyson.

The larger number of the courses in English are intended to be disciplinary, as well as instructive; in other words, they have in view the development of insight and power no less than the imparting of information.

GERMAN—The student who has passed the admission examination in German, may continue the study of German during each of the four years of his College course, if he so elect; the student who has not

passed the admission examination in German may, if he desire, begin the study of German in either Freshman or Sophomore year, and pursue it for four or for three years; no elementary instruction in the language is given to Juniors or Seniors.

The courses of work for the successive years may be outlined as follows. During the first year the work consists of German grammar, translation of easy English phrases, sentences, and connected prose into German, and of easy German prose into English. Constant sight-translation is used as a means for developing and strengthening the student's vocabulary and for freeing him from dependence upon the lexicon and from the word-by-word methods which its use encourages. Especial care also is devoted to pronunciation. The work of the second year continues and extends that of the first year, taking up the translation of more difficult German prose, both with previous preparation and at sight, the study of word-formation, and the translation of more difficult English prose into German. Throughout the two years the aim in reading German is to cover as much ground as possible—from 500 pages upwards—in the belief that thereby the student will acquire more command of the language than when a smaller amount is read with rigid attention to grammatical details. It is expected that at the end of the second year the student will have adequate preparation for the use of the language in his work in other branches of study. Those, therefore, who are studying German solely for this end in view may perhaps discontinue class-study at this point; but no student should begin the language unless he expects to devote at least two years to its study.

For the remaining years the courses vary from year to year; but opportunity is given for the critical study of works of leading authors, and for the study of periods in the history of German literature. Advanced courses are offered also in earlier German literature and in the historical development of the language.

German readings are given by the instructors, outside of the regular College work, and a course in advanced composition is given, in which German alone is spoken. German is constantly read aloud in the class-room, and efforts are made to improve the student's pronunciation and to help him to acquire some facility in expressing his ideas in German. But it is not a leading aim in the instruction in German to enable the student to converse in that language. Training in the ordinary conversational idiom may be had more profitably elsewhere and cannot form any considerable part of the class-room work. The student may acquire the language as a tool for use in other departments of study, and may come in contact with the best works of German literature, studying their form and contents, and the lives and environment of their authors; fluency in conversation must be acquired where the conditions are more fitted to the object which they are to effect.

ROMANCE LANGUAGES (FRENCH, ITALIAN, SPANISH)—The student who has passed the admission examination in French, may continue the study of that language during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in French, may, if he desire, begin the study of French in either Freshman or Sophomore year and pursue it for four or three years; no elementary instruction in the language is given to Juniors or Seniors.

To the student properly equipped, *i. e.*, who has had two years of French in College, or the equivalent, the following Junior and Senior electives are open from which he may choose according to his special wants with the advice of the department: (*a*) linguistic courses conducted in French and combining the study of some literary topic with practice in speaking and writing; (*b*) literary courses, in which the leading writers of one specific period are read and studied; (*c*) philological courses, for students who intend to teach and, in general, those who wish to study the origin and growth of the language and its earlier literature.

Barring exceptional cases, the study of Spanish and Italian cannot be begun before the Junior year, but if begun then, it can be continued to the end of the college course.

PHYSICS—The instruction in Physics is begun in Sophomore year, with a course, extending through the year, of three exercises weekly. This is a general course, conducted by recitations, liberally illustrated by means of apparatus and experiments, and by occasional lectures. The object is to give a broad general view of the subject, to make the student familiar with the fundamental principles of the science, to enable him to understand something of the methods of experiment and reasoning by which physical laws have been established, and to give him an insight into the processes by which accuracy is attained in physical work, and the degree to which it may be carried. The work serves also as the introduction to, and foundation for, the more advanced courses offered in Junior and Senior years, in which the student may pursue lines of work in general and theoretical Physics of a higher grade, or may take up practical work in the Sloane Physical Laboratory, beginning with the course in Junior year, and continuing the work, of a more advanced character, during Senior year, as is described in the list of elective courses.

CHEMISTRY—This study is optional. A course in experimental inorganic chemistry is open regularly to Juniors and Seniors, and by permission to Sophomores and Freshmen who, having been excused upon examination in advance from a part of their required work, desire

to prepare themselves for the subsequent pursuit of advanced scientific studies in which some knowledge of chemistry is necessary or desirable. Those who wish to master during the college course certain branches of knowledge which—like qualitative and quantitative chemical analysis, organic chemistry, biology, physiology, and physiological chemistry—are directly anticipatory of work otherwise required in the medical or technical schools, should take this course as early as possible. It is a prerequisite to the other courses in chemistry and to the course in biology, and is desirable for those who propose to study mineralogy and geology. Instruction is given by lectures and laboratory practice; and frequent examinations, written or practical, serve to review and emphasize essential principles and facts as well as to test the progress of the student.

Other courses, open to students who are familiar with the subject-matter of the first course, offer instruction by lecture and laboratory practice in the ordinary processes of qualitative analysis, in the preparation and study of the compounds of carbon, and in the exact methods of gravimetric and volumetric quantitative analysis. A lecture-course in chemical philosophy deals with modern methods and theories. It is the aim of all these courses to teach facts and principles inductively and experimentally.

Candidates for special honors in physical science who have the requisite standing and who desire to present their theses in chemistry, may undertake (under guidance) the solution of problems demanding original thought and investigation.

GEOLOGY—The instruction in this department is designed primarily to acquaint the student with the fundamental facts of the constitution of the earth, the arrangement of its parts, and the materials and forces which have been and are the basis of its history. As far as practicable the class-room instruction will be supplemented by the use of specimens such as are found in the museums or such as make up the geological features of the vicinity of New Haven. The facts and phenomena of the science will also be used as an introduction to the methods of making observations, of deriving from them correct scientific notions, and in general as a means of the exercise and development of the faculties of inductive reasoning. Students prepared for the work will be encouraged to make special investigations in the lines of historical geology and the history of organisms, for which the facilities are ample, and in other special problems of structural geology well exhibited in and about New Haven.

POLITICAL SCIENCE AND LAW—An elementary course in Economics is provided, which treats not merely the general principles of the science,

but some of the most important practical applications in Finance and Legislation. Hadley's *Economics* is used as a text-book, and is supplemented by constant lectures and discussions. Those who take Economics in Junior year have an opportunity in Senior year to become acquainted with the history of the science and the controversies now going on in it, and to study more thoroughly special topics. In the course in Anthropology they are also offered an opportunity to become acquainted with the new sciences whose investigations are so important for the whole field of social science.

The course in Law treats of municipal and international law as parts of a liberal education. The object is to study civil institutions, both in their theory and in their positive form. The instruction is elementary, dealing with the fundamental facts and principles which underlie the civil polity of the American State, and is intended to give the student a correct knowledge of such essential facts about the life of the State and its accepted doctrines, as every educated man should possess, as well as to lead up to the professional study of law.

MENTAL AND MORAL SCIENCE, AND PHILOSOPHY—The courses in this branch of study begin in Junior year, and continue until graduation. During Junior year, three hours each week of class-room work in Logic, Psychology, Ethics, and the Evidences of Religion, and during Senior year two hours each week of class-room work in Philosophy, are required of every student; the remainder of the work in these and kindred subjects is elective.

LOGIC—This is a required course, beginning in the Junior year. It aims at a thorough knowledge of the principles of deductive and inductive reasoning. In Deductive Logic special attention is given to an analysis of the syllogism as well as to a study of its functions and logical value. Oral and written discussions of examples of deductive argument constitute a considerable portion of the work of the class. In Inductive Logic the problems, grounds, and principles of induction are discussed. A great deal of attention is given to familiarizing the students with the principles and methods of scientific investigation. Essays on observation, experiment, classification, hypothesis, etc., are required. The work in Logic includes an examination of recent logical theories.

The course in Deductive Logic is based on Jevons-Hill's *Elements of Logic;* in Inductive Logic, on Fowler's *Inductive Logic.*

PSYCHOLOGY—Required work in this subject begins in Junior year and consists of three exercises a week, continued through rather more than half the college year. Although the course is taught with con-

stant use of a text-book, upon which recitations are exacted, considerable time from the first is taken by the teacher in oral instructions, critical or supplementary of the text. Attention is called to the most recent advances in experimental psychology, and to the educational bearings of the subjects treated. This systematic instruction in general psychology is supplemented by a course of lectures on the structure and functions of the nervous system, the end organs of sense, and selected topics in general psychology, including the psychological bases of ethics and of theism. The most important of the older and newer works on psychology are placed in the University Reference Library for the use of students who are urged to do side reading in connection with the class-room work. The course in Physiological and Experimental Psychology extends through the entire year and is taught by lectures and recitations; it is illustrated by constant use of models, charts, histological preparations, apparatus for mixing color-sensations, etc. It is designed to go briefly over the whole ground of the modern experimental and physiological study of mental phenomena; especially as regards reflex and automatic cerebral action, the localizing of cerebral function, the quality and quantity of sensation, psychometry, and the physical basis of the higher faculties. It may be elected either in the Junior year as preparatory, or in the Senior year as supplementary, to the required course in introspective Psychology. The newly equipped laboratory furnishes facilities for performing the experiments before the class.

History of Philosophy—The study of this subject is confined to the Senior year. In the study of the History of Greek Philosophy the principal emphasis is laid upon Plato and Aristotle, and upon the post-Aristotelian Schools, as illustrating the permanent and most interesting problems of Philosophy.

The course in Modern Philosophy extends through the whole of the Senior year. The subject is taught both by recitations from the text-book, with accompanying remarks from the teacher, and by lectures. Effort is made to secure from each pupil the careful reading of at least one work of some prominent philosopher of the period considered in the class-room. Special emphasis is laid upon the philosophy of Kant. It is a constant aim to trace the development of modern speculative thought so as to throw light upon the principal questions in debate among present writers in philosophy.

Philosophy—In addition to the study of Philosophy as connected with the problems of rational Psychology, and as illustrated and enforced by the history of the development of Philosophy, the works of one or more of the leading authors are read and discussed, with such

students as take the elective courses opened for this purpose. In this way the more general studies in Metaphysics and Ethics are supplemented by special information regarding selected subjects and writers.

MORAL SCIENCE, as a study, is intimately connected with the instruction in Psychology and Philosophy, as its foundations are discovered in the constitution of the human soul, and its method and fundamental relations are justified and enforced by those principles which are essential to all scientific thinking. In the department of Moral Science and of Practical Ethics, a somewhat thorough course is required of the entire Junior class, as an essential element of a thorough education and an important condition for practical usefulness. This general course is supplemented by special classes in scientific and practical Ethics, and particularly in the history and criticism of ethical theories, which are maintained through the year.

MUSIC—The department aims to provide adequate instruction for those who intend to become professional musicians, either teachers or composers, and to offer a complete course of study to such as intend to devote themselves to musical criticism and the literature of music. In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

## SPECIAL HONORS

Special Honors are conferred at the end of Senior year.

One-year and two-year honors may be taken in the following groups of studies:

(1.) Philosophy. (2.) Political Science and Law. (3.) History. (4.) Modern European Languages. (5.) English. (6.) Ancient Languages. (7.) Natural and Physical Science. (8.) Mathematics. (9.) Music.

A candidate for a one-year honor must pursue with distinction in his Senior year, and a candidate for a two-year honor in his Junior and Senior years, courses (whether prescribed or elective) amounting to an average of at least six hours per week in one of the specified groups. For a two-year honor the work must be so distributed that an average of at least four hours per week is taken in Junior year.

In History, courses *taken in Junior Year* may be counted as part of the work for two-year honors in Political Science and *vice versa.*

In Biblical Literature, course 180 may be counted as a part of the work for two-year honors in History.

In Classics, Modern Languages (exclusive of English), and Mathematics, two-year honors will not be given unless the work in those subjects amounts to four hours per week in each year.

In Music, one-year honors will be given for distinguished work on the completion of course 271, and two-year honors on the completion of all the courses offered to undergraduates.

Students taking a sufficient number of hours in any group may by that fact be considered as candidates for honors in that group.

A candidate's whole work in any group, though it may be more than the minimum requirement for an honor, will be reckoned as a competition for the honor.

A candidate for either honor must present a meritorious thesis before June 1, of his Senior year.

[In the department of Modern European Languages, elementary French and German will not be reckoned for honors. In the department of Mathematics, no student will be considered a candidate for honors, unless he has taken the Calculus.]

## TERMS AND VACATIONS

THE PUBLIC COMMENCEMENT is held on the last Wednesday in June. The first term begins thirteen weeks from the day after Commencement-day and continues twelve weeks; the second term begins on the Tuesday after the first Thursday in January and continues until Commencement-day with a Spring Recess—of eight days—including Easter. (See Calendar, p. 6.) The exercises of each term begin with prayers in the Chapel.

## PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel, with reading of the Scriptures and singing, every week-day at 8.10 A. M., at which service the attendance of the students is required.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained on presenting to the Dean or Division Officer a written request therefor from the parent or guardian.

THE YALE YOUNG MEN'S CHRISTIAN ASSOCIATION, with a membership of over one thousand, has its headquarters in Dwight Hall, which was erected in 1886, through the generosity of Mr. Elbert B. Monroe, of Southport, Connecticut. This is a fine, stone building, situated on the College square, and admirably adapted to be the center of the social religious life of the University ; it contains a convenient reading-room, a carefully selected library, a large hall for general religious services, and separate rooms for the religious meetings of the various classes.

The Dwight Hall lecture course, the devotional meetings, the classes for Bible study, and the mission-work carried on by the students, have come to be prominent features of Yale life.

## LIBRARIES AND READING-ROOMS

The Library of the University, containing about 200,000 volumes, is open every week-day to all the students for consultation and for the drawing of books ; in a separate part of the building is the Linonian and Brothers Library, a collection of about 20,000 volumes in general literature specially selected for the use of the undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening without charge. There are also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

## GYMNASIUM

The Gymnasium is designed to provide all students of the University with opportunities not only for general exercise, but also for means of caring for the body with a knowledge of hygienic laws. It also provides for specific training in view of any physical defects that may be remedied by rational superintendence.

The Department is under the supervision of a Director, assisted by two Associate Directors, both of whom are regularly educated physicians.

The gymnastic training is designed to be progressive from year to year. The members of the different classes may take exercises in the various forms of gymnastics under the instruction of the Directors, and any student may enter the classes in general gymnastics. An instructor is always present in the main exercise-hall to direct individual or class work. All students requiring such care are assigned exercises suited to their special needs.

A thorough physical examination and measurement is offered each student yearly, and a record of the results is kept as a basis of advice as to exercise and regimen. An examination of these records shows that the standard of health of the average student improves during his college course.

For the welfare of the students the following rule has been passed by the Corporation :

> Required that every man who presents himself for exercise in the gymnasium, or who desires to use its privileges, should first submit to a physical examination by one of the Directors ; or, in default of such an examination, should bring from his physician a written certificate (the form to be furnished by the Director) that he is physically sound ; or a written certificate from his parent or guardian that he wishes the student excused from the examination and that he himself will take the responsibility of exercise without a previous examination.

An elective course is provided for the Senior class as set forth in the prospectus of elective studies. (See course 280.) This provides training in hygiene and gymnastics

for those who intend to teach or to supervise the work of physical training in educational institutions. Dr. Seaver gives a course of lectures on elementary physiology and sanitary science. Dr. Anderson gives lectures and lessons in the theory and practice of gymnastics.

There are several prizes offered for excellence in physical work.

Members of other Departments may avail themselves of the use of the Gymnasium, including advice from the directors, use of apparatus, the Turkish baths, showers, bowling-alleys, etc., on the payment of a small fee.

The new Gymnasium, erected by graduates for the use of the University, was opened in 1892. The arrangement of the building is in general as follows: the location is on the north side of Elm street, and the front is 138 feet, while the depth is 86 feet. The entrance is by an archway at the east end, which leads through the building to a large lot in the rear that affords room for outdoor exercises, such as throwing the hammer, putting the shot, hurdling, pole-vaulting, jumping, etc.

The basement is reached by an entrance from the lot, and contains an engine-room, laundry, a bath-room with twelve tubs, each provided with a shower and douche, toilet-rooms, a room with two bowling-alleys, and a room for base-ball teams.

The first floor contains the spacious entrance-hall, or vestibule, a dressing-room for athletes, with bath and toilet-rooms for their special use, a complete equipment of lockers, baths, a swimming-pool (28 x 50 feet), Turkish bath, and two rowing-tanks large enough for eight-oar crews.

The second floor is occupied by offices, club-rooms, and a large dressing-room, with shower-baths and toilet-rooms adjoining. This room now has over one thousand ventilated lockers, with space for a thousand more whenever they may be needed.

The Gymnasium is open from 9.30 in the morning until 9.30 at night. Graduate and undergraduate students are

entitled to the use of the tub and Turkish baths upon the payment of a small fee.

## EXPENSES

The Treasurer's bills are made out and delivered to the students, or *(request to that effect being made)* mailed to the parent or guardian, three times a year, viz: at the beginning of each term or half-term, at which time they are payable. If not paid before the end of the month following the month in which they are issued, the student will not be permitted to attend recitations until his bill shall have been paid, and in the allotment of college rooms will not be permitted to retain or choose a room. Drafts on New York, Boston, and Philadelphia are received at par.

The annual charges for tuition are one hundred and fifty-five dollars. Of this amount fifty-five dollars are payable at the beginning of the first term, and fifty dollars at the beginning, and again at the middle of the second term. An additional charge of eighteen dollars is made in the last bill of the Senior year to cover expenses of graduation.

Absence on Leave—A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays full tuition during such absence; such payment is required before the student can be admitted to examination.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

The Yale Dining Hall, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The Hall contains seats for 450, and is open to students of the Academical and Scientific Departments. A bond of $500 is required by the Treasurer of the University for each student admitted to the Hall, and the price of board is

charged on the regular term-bill. Application for seats at the table must be made to the steward, Mr. J. Q. Tilson.

Rooms—There are in the College buildings over four hundred and fifty rooms occupied by students, at prices varying (according to location) from seventy-five cents to ten dollars per week, payable each term or half-term in advance. These rooms are not furnished, and the rates charged do not include heat or light.

Farnam Hall (built in 1869–70) is named in commemoration of Henry Farnam, Esq., of New Haven, who bore the chief part of the expense of its erection; Durfee Hall (built in 1870–71) commemorates in like manner the generosity of Mr. Bradford M. C. Durfee, of Fall River, Mass.; Lawrance Hall (built in 1885–86) owes its name to a gift for this purpose from Mrs. Francis C. Lawrance, of New York City, in memory of her son, Thomas Garner Lawrance, of the Class of 1884, who died during his Senior year in College; Welch Hall, completed in 1892, is the gift of Pierce N. Welch, Esq. (Yale College 1862), of New Haven, in memory of his father, the Hon. Harmanus M. Welch, of this city, who died in 1889; Vanderbilt Hall, first occupied in 1894, is the gift of Mr. and Mrs. Cornelius Vanderbilt, of New York City, in memory of their son, William Henry Vanderbilt, a member of the Class of 1893, who died in 1892; and White Hall, completed in 1894, was erected at the expense of Andrew J. White, M.D. (Yale 1846), of New York City.

Students living out of College are not allowed to room in any hotel or apartment-house or in any building in which a family does not reside, except by special permission of the Faculty.

A few rooms in each building are reserved in May, for members of the Freshman class of the year following, and are assigned to applicants in order of application.

Members of the Junior, Sophomore, and Freshman classes, occupying any of the College rooms, may retain the same rooms for another academic year, by making ap-

plication in writing to the locating officer, on or before Saturday, May 22, 1897. Rooms not reserved will then be offered to the classes in order: choices will be allotted to the Junior class on Tuesday, June 1, to the Sophomore class on Friday, June 4, and to the Freshman class on Wednesday, June 9.

PRICES PER WEEK OF ROOMS IN COLLEGE FOR 1896–97

When a room is occupied by two persons, each occupant will be charged with one-half the price named in this schedule. The prices given for Welch Hall include steam-heat.

$0.75.—70 South Middle; 98, 99, 114 North.

$1.00.—84 South Middle; 97, 100, 113, 116 North; 359, 360, 361, 362, 363, 364, 365, 366 White; 417, 418, 419, 420 Berkeley.

$1.25.—81, 82, 94, 95 South Middle; 409, 410, 411, 412, 416, 421 Berkeley.

$1.50.—73, 74, 77, 78, 86, 87, 91 South Middle; 401, 402, 403, 404, 408, 413 Berkeley.

$1.75.—80, 83, 93, 96 South Middle; 103, 106, 107, 110, 111, 119, 122, 123, 126, 127 North; 400, 405 Berkeley.

$2.00.—71, 72, 75, 76, 79, 85, 88, 89, 92 South Middle; 101, 104, 105, 108, 109, 112, 125, 128 North; 133, 137, 141, 160, 167, 175 Farnam; 181 Lyceum; 385, 386, 387, 388, 393, 394, 395, 396 Berkeley.

$2.25.—384, 389, 392, 397 Berkeley.

$2.50.—120, 124 North; 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598 Pierson.

$3.00.—182, 183 Lyceum; 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582 Pierson.

$3.50.—142, 143, 158, 159, 161, 162, 176, 177 Farnam; 250, 251, 260, 261, 270, 271, 281, 282 Lawrance; 415, 422 Berkeley; 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566 Pierson.

$4.00.—130, 131, 138, 139, 144, 145, 146, 147, 153, 154, 156, 157, 164, 165, 172, 173 Farnam; 180 Lyceum; 407, 414 Berkeley.

$4.50.—14, 18 Vanderbilt; 134, 135, 140, 148, 149, 151, 152, 168, 169, 174 Farnam; 208, 215, 216, 223, 224, 231, 232, 239 Durfee; 248, 249, 258, 259, 268, 269, 279, 280 Lawrance; 341, 342, 379, 380, 381, 382 White; 399, 406 Berkeley.

$5.00.—22, 26, 40, 56 Vanderbilt; 129, 163 Farnam; 202, 209, 210, 217, 218, 225, 226, 233 Durfee; 241, 242, 246, 247, 252, 253, 256, 257, 262, 263, 266, 272, 273, 277, 278 Lawrance; 296, 311, 312, 327 Welch; 338, 339, 355, 356, 357, 358, 375, 376, 377, 378 White; 585, 586, 599, 600 Pierson.

$5.50.—44 Vanderbilt; 206, 214, 221, 222, 229, 230, 237 Durfee; 351, 352, 353, 354 White; 383, 390, 391, 398 Berkeley.

$6.00.—48, 52 Vanderbilt; 132, 166 Farnam; 204, 211, 212, 219, 220, 227, 228, 235 Durfee; 245, 254, 255, 264, 265, 274 Lawrance; 284, 295, 297, 298, 299, 300, 301, 302, 313, 314, 315, 328, 329, 330 Welch; 332, 333, 335, 336, 367, 368, 369, 370, 371, 372, 373, 374 White; 521, 522, 535, 536, 569, 570, 583, 584 Pierson.

$6.50.—343, 344, 345, 346 White.

$7.00.—2, 3, 13, 15, 41, 43, 45, 58, 60 Vanderbilt; 178, 179 Lyceum; 201, 203, 205, 234, 236, 238 Durfee; 283, 285, 286, 288, 292, 303, 304, 308, 316, 317, 318, 319, 323 Welch; 340, 347, 348, 349, 350 White; 537, 538, 551, 552, 553, 554, 567, 568 Pierson.

$8.00.—1, 11, 12, 16, 25, 27, 29, 36, 42, 55, 57, 59, 67, 69 Vanderbilt; 287, 289, 291, 293, 305, 306, 309, 310, 322, 326 Welch; 337 White.

$8.50.—5, 8, 17, 19, 21, 23, 47, 49, 51, 53, 63, 66 Vanderbilt; 290, 294, 320, 324 Welch.

$9.00.—10, 28, 34, 39, 54, 68 Vanderbilt; 321, 325 Welch; 331 White.

$10.00.—4, 6, 7, 9, 20, 24, 30, 32, 35, 37, 46, 50, 61, 62, 64, 65 Vanderbilt; 240 Durfee; 334 White.

The subjoined table gives near estimates of the ordinary annual expenses in College, omitting clothing, vacation charges, and sundries.

| | Lowest | General Average | Very Liberal |
|---|---|---|---|
| Treasurer's bill, tuition, | $155 | $155 | $155 |
| Rent and care of half-room in College, | 20 | 100 | 140 |
| Board, 36 weeks, | 125 | 175 | 250 |
| Furniture, average of half-room for 4 years, | 10 | 25 | 40 |
| Fuel (steam-heat) and light, for half-room, | 15 | 20 | 35 |
| Washing, | 15 | 25 | 42 |
| Text-books and stationery, | 10 | 25 | 40 |
| Subscriptions (to Societies, Sports, Periodicals, etc.), | | 20 | 100 |
| Private servant, for special care of room, | | | 28 |
| Total, | $350 | $545 | $830 |

## BENEFICIARY AID

The sum of thirty thousand dollars and upwards, derived mainly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid. In this amount are included the income of the LANGDON FUND, of four thousand dollars, bequeathed in 1835 by Solomon Langdon, of Farmington, Connecticut, and a portion of the income of the ELLSWORTH FUND, now about ninety-six thousand dollars, received since 1858 from the estate of the Hon. Henry L. Ellsworth (Yale College 1810); both these funds are used for the support of students intending to enter the ministry. There is also a LOAN FUND, the income of which is used for scholarships, which has been constituted from repayments made to the treasury by former students who have received aid during the College course. The College has also a considerable number of scholarship funds, each yielding one hundred and fifteen dollars a year, the income of which is appropriated to worthy applicants. Those needing aid should apply to the President before November 1st in each year of the College course. No assignments from these funds are made before admission to College.

Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

THE MORGAN FUND, bequeathed by the late Henry T. Morgan, of New York City, has been set apart by the Corporation, with the provision that the income shall be divided into scholarships (at present thirty-seven in number, yielding one hundred and fifteen dollars each), to be assigned by the Faculty for the benefit of indigent and deserving students.

THE MARETT FUND, amounting to over one hundred and thirty-two thousand dollars, which was established by the will of Philip Marett, Esq., of New Haven, in 1869, and was received in 1889, has been appropriated for beneficiary scholarships, in aid of needy and deserving students.

THE CHRISTMAN FUND, amounting to over twenty-two thousand dollars, bequeathed by Joseph A. Christman (Yale College 1857), of New York City, who died in 1888, is devoted to the support of poor and meritorious students.

THE HARMER FOUNDATION OF SCHOLARSHIPS, the proceeds of a bequest in 1854 from Thomas Harmer Johns (Yale College 1818), of Canandaigua, N. Y., comprises five scholarships, each yielding at least one hundred dollars a year, to be given to deserving students of small means.

THE LYON SCHOLARSHIP FUND, of forty-four hundred dollars, given in 1868–72 by Mr. Morris W. Lyon (Yale College 1846), of New York City, benefits four scholars, selected for their worth and need by the founder or the Faculty.

THE LUCIUS HOTCHKISS FUND, of ten thousand dollars, the bequest of Lucius Hotchkiss, Esq., of New Haven, in 1881, comprises four scholarships, the income of which is given to indigent and deserving students.

THE LEAVENWORTH SCHOLARSHIP FUND, now amounting to over fourteen thousand dollars, was established in 1882 by the Hon. Elias W. Leavenworth (Yale College 1824), of Syracuse, N. Y., with the primary object of defraying in part the expenses of the education of students of good character and promise, bearing the surname of Leavenworth.

THE HOLMES SCHOLARSHIPS, one in each class in College, founded by Samuel Holmes, Esq., of Montclair, New Jersey, are filled upon the nomination of the Board of Agents of the Silas Bronson Library of Waterbury by students from the towns of Waterbury, Wolcott, Prospect, and Middlebury, Connecticut, who receive each the income of one thousand dollars *per annum*.

There are thirty-four other Scholarship Funds, most of them of one thousand dollars, the income of which may be given to such students as shall be selected by the founders or the Faculty. In this number are included Scholarships named in commemoration of William Allen, Charles Atwater, Mills Bordwell, William S. Charnley, William E. Dodge, Thomas H. and Luther Fuller, Sereno Gaylord,

Joel Hawes, John C. Holley, Charles L. Ives, Elisha C. Jones, William A. Macy, John S. Mitchell, Peter Parker, John M. Raymond, John Spaulding, and James M. Whiton.

There are also opportunities for students in need of aid to render service to the College as monitors, etc.; in this way about fifteen hundred dollars is disbursed annually. And in general it may be said that the other means to self-help at the command of students are sufficient to enable many of those who have spare time to provide for the larger part of their College expenses.

By the liberality of Mr. William L. Andrews, of New York City, and as a memorial of his son, Loring W. Andrews, of the class of 1883, a well furnished library has been established, containing text-books and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing books. Permission to use this library is obtained from the Dean.

## FELLOWSHIPS AND SCHOLARSHIPS

The Douglas Fellowship, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, the Rev. Sutherland Douglas (Y. C. 1821) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this Department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the Fellowship for more than three years.

The Soldiers' Memorial Fellowship, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in special remembrance of William Wheeler, of the class of 1855. The incumbent must be, at the time of his election, a graduate of this Department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for

a period not exceeding five years. In selecting the incumbent, the President and Professors are to give preference to one who has shown special proficiency in Greek ; and for the further prosecution of Greek study, the Fellow may spend a part or the whole of the time of his incumbency in Athens, in connection with the American School of Classical Studies, instead of in New Haven.

THE SILLIMAN FELLOWSHIP, founded in memory of Professor Benjamin Silliman, Professor of Chemistry, Mineralogy, and Geology in Yale College from 1802 until his death in 1864, has an annual income of six hundred dollars, and is awarded to a graduate of this Department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

THE JOHN SLOANE FELLOWSHIP in Physics, established in 1889 by the gift of ten thousand dollars from John Sloane, Esq., of New York City, is awarded annually by the Faculty to a graduate of this Department who has shown marked proficiency in the study of Physics, and gives promise of success in the prosecution and application thereof. The incumbent shall reside in New Haven for at least thirty-six weeks in each academic year, pursuing a course of study in Physics and the related branches of science, and acting as an assistant in the Sloane Physical Laboratory; he may be re-elected, but shall not hold the Fellowship for more than three consecutive years.

THE SCOTT HURTT FELLOWSHIP, with a foundation of twelve thousand dollars, was established in June, 1893, by Mrs. Sarah I. Hurtt, of New York City, in memory of her son Burgess Scott Hurtt, of the class of 1878, Yale College. The incumbent must be a graduate of the academical department, of not more than four years' standing at the time of his first appointment, and may hold the fellowship for three years by annual re-election. In addition to a good moral character, the person appointed must have

maintained a satisfactory standing in scholarship and must purpose to pursue a scholastic, professional, or scientific career, in which he gives promise of success. He shall, if required by the President and Professors, reside in New Haven for at least one year of his incumbency, during thirty-six weeks of the year, pursuing his studies there; but with this exception may have the privilege of prosecuting his studies at any foreign University, or at the American School of Classical Studies in Athens.

THE BERKELEY SCHOLARSHIP, founded in 1733 by the Rev. George Berkeley, Dean of Derry, and afterwards Bishop of Cloyne, Ireland, and yielding over sixty dollars a year, is awarded to the student in each Senior class who passes the best examination (which must be a creditable one) in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's *Iliad*, Cicero's *Tusculan Questions*, Tacitus (except the *Annals*), and Horace; provided he remain in New Haven as a graduate, one, two, or three years.

THE CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, given for this purpose by Mr. Sheldon Clark, of Oxford, Connecticut, is awarded in each Senior class to the applicant who has attained the highest rank in the studies of the course; provided he remain in New Haven for one year or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE BRISTED SCHOLARSHIP, founded in 1848 by Mr. Charles Astor Bristed (Yale College 1839), of New York City, and yielding over one hundred dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE FOOTE SCHOLARSHIPS, founded in 1873 by a bequest of Harry W. Foote (Yale College 1866), of New Haven, and yielding five hundred dollars a year, are awarded annually to graduates of this Department, selected by the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate courses of the Department of Philosophy and Arts.

THE LARNED SCHOLARSHIPS, three in number, each having a fund of seven thousand dollars, were founded in 1877 by the bequest of Mrs. Irene Larned, of New Haven, and were augmented in 1888 by the bequest of Mrs. Urania B. Humphrey, of Norfolk, Connecticut. One scholarship is awarded in each Senior class; the incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

THE ELLEN BATTELL ELDRIDGE SCHOLARSHIPS, two in number, each having the income of a fund of twelve thousand dollars, were established in 1894 by a bequest from Mrs. Azariah Eldridge, of Yarmouth, Massachusetts. The incumbents, who shall be graduates of this Department, selected by the President and Professors, must reside in New Haven, pursuing such a course of study as they may select and the Faculty approve. No scholar shall continue on the foundation for more than three years.

THE MACY SCHOLARSHIP, being the income of a fund of ten thousand dollars, derived from a bequest of the Rev. William A. Macy (Yale College 1844), of Shanghai, China, who died in 1859, is awarded, whenever there may be a vacancy, to a recent graduate of distinguished scholarship, who may hold it for a term of three years. He shall reside in New Haven, pursuing a course of non-professional study, and shall at the close of each College year present a meritorious thesis in evidence of his work during the previous year.

THE WOOLSEY SCHOLARSHIPS, each having the income of a fund of one thousand dollars, the gift of President Woolsey, in 1846–48, are awarded in successive years, one

to the student in each Freshman class, who passes the best examination in Latin Composition (excellence in which is essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, during the four years of his College course, provided he maintains a good standing in character and scholarship, and in the Junior year makes himself acquainted with the Differential and Integral Calculus. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND, of one thousand dollars (established by Henry A. Hurlbut, Esq., of New York City, in 1858–9); and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount, given by Charles M. Runk, Esq., of Allentown, Pennsylvania, in 1864.

THE W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, bequeathed in 1867 by William Wheeler DeForest, of New York City, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the modern languages, especially French, Spanish, Portuguese, or Italian, under the direction of the Faculty.

THE SCOTT HURTT SCHOLARSHIP was established in 1889 in memory of Burgess Scott Hurtt, of the class of 1878, Yale College, by his classmates and friends. The income of a fund of five thousand dollars is assigned in June of each year to a member of the Sophomore class, who is selected by the Faculty on the ground of approved scholarship; one half of the income will be paid to the incumbent during his Junior year, and one half during his Senior year, provided he continues to be in need of this assistance.

THE THOMAS GLASBY WATERMAN FUND, of forty thousand dollars, was received in 1890 from the estate of Thomas G. Waterman (Yale College 1886). The income

is given to not more than three scholars, of manly character and limited means, who have distinguished themselves in their studies and give promise of achieving distinction in the line of work which they have chosen; the incumbents are elected annually by the Faculty from the Senior or Junior class, or from graduates of the Department of not more than two years' standing.

THE ALFRED BARNES PALMER SCHOLARSHIP FUND, of five thousand dollars, was given in 1892, by the Rev. Charles Ray Palmer, D.D., in memory of his son, Alfred Barnes Palmer, of the class of 1892, Yale College. The annual income is paid, during his College course, to a student in avowed need of beneficiary aid, of unexceptionable character, and of high rank in scholarship.

THE DANIEL LORD, JUNIOR, MEMORIAL FUND, of five thousand dollars, was established in 1894, by Daniel Lord, Esq., of New York City, in memory of his son, Daniel Lord, Junior, of the class of 1892. The annual income is given to a deserving and needy undergraduate student in this Department—preferably a member of the Senior class—who shall be selected by the Faculty.

THE LEARNED SCHOLARSHIP, established in 1895 by the gift of two thousand dollars from the Hon. William L. Learned, LL.D., of the class of 1841, Yale College, is awarded at the close of the Freshman year to a student who has been markedly successful in his studies. He receives the income of the fund through his college course

## PREMIUMS

THE DEFOREST PRIZE, founded in 1823 by David C. DeForest, of New Haven, and consisting of a gold medal, of the value of one hundred dollars, is awarded "to that scholar of the Senior class who shall write and pronounce an English Oration in the best manner," the President and Professors being judges.

TOWNSEND PREMIUMS, five in number, of twelve dollars each, founded in 1843 by the gift of Isaac H. Townsend (Yale College 1822), of New Haven, are awarded in each Senior class for the best specimens of English Composition; all compositions receiving premiums must be read in public.

THE DEFOREST MATHEMATICAL PRIZES were established by the late Dr. John DeForest (Yale College 1826), and were augmented by his son, the late E. L. DeForest (Yale College 1854), of Watertown, Connecticut. A first prize of one hundred dollars, and three second prizes of fifty dollars each, are offered to the Senior class for worthy solutions of problems in pure and applied Mathematics. This year about sixty dollars from the same source will be offered in prizes to the Junior, Sophomore, and Freshman classes, respectively, for the solution of problems.

WINTHROP PRIZES, the income of a fund of five thousand dollars given in 1871 by Buchanan Winthrop, Esq. (Yale College 1862), of New York City, are annually offered to the Junior class "for the most thorough acquaintance with the Greek and Latin poets," particular attention being paid to elegance of scholarship and appreciation of the spirit of the poetry, as shown at an examination during the latter half of the second term. The first prize is two hundred dollars, and the second prize is the balance of the income for the year.

The subjects for the examination in the class of 1898 are as follows: in Greek, Theocritus, Bion, and Moschus; in Latin, Lucretius (book v) and Vergil's *Eclogues*.

THE HENRY JAMES TENEYCK PRIZES, the income of a fund of twenty-six hundred dollars, established in 1888 by the Kingsley Trust Association in memory of Henry James TenEyck (Yale College 1879), are awarded to the successful competitors at the Junior Exhibition, in the second term of each year.

THE C. WYLLYS BETTS PRIZE, established in 1890 by the Phelps Association, in memory of the late C. Wyllys

Betts, Esq., of New York City, a graduate of Yale College in the class of 1867, is offered to the Sophomore class for excellence in English composition. The prize, being the income of a fund of one thousand dollars, is awarded annually to that member of the class who shall have exhibited the most meritorious work in the required compositions of the year and in a special essay on a prescribed subject.

THE MCLAUGHLIN MEMORIAL FUND, consisting of one thousand dollars, founded in 1893 to commemorate Edward Tompkins McLaughlin (Yale College 1883), late Professor of Rhetoric and Belles Lettres in Yale University, is devoted to the encouragement of English composition in the Freshman class. From the income of this fund a first and second prize, in books, are offered during the current year.

COLLEGE PREMIUMS are given each year in the Sophomore class for Declamation.

THE THACHER MEMORIAL FUND, of three thousand dollars, founded in 1892, by gifts from the class of 1842, and named in honor of their former instructor, Professor Thomas A. Thacher, is devoted to the encouragement of the practice of extemporaneous debate. One hundred and fifty dollars of the income will be offered in prizes for this object during the current year.

SCOTT PRIZES for excellence in German and in French are offered to the Junior class; these are of the value of thirty dollars each, and are given in books. The prizes were founded by the bequest of Henry W. Scott (Yale College 1863), of Philadelphia, who died in 1871.

THE LUCIUS F. ROBINSON LATIN PRIZES, from the income of a fund of five thousand dollars given in 1887 by the daughters of the late Lucius F. Robinson (Yale College 1843), of Hartford, will be awarded the present year to students showing special proficiency in Latin :—one series of prizes (of fifty, thirty, and twenty dollars, respectively) being open to members of the Senior and Junior classes

who have taken three hours per week in Latin electives; and a second series, of the same amounts, to members of the Sophomore class.

BERKELEY PREMIUMS for excellence in Latin Composition are offered to the Freshman class near the end of each College year, from the surplus income of the Berkeley Scholarship Fund.

THE HUGH CHAMBERLAIN GREEK PRIZE, being the income of one thousand dollars given for this purpose, in 1886, by the Hon. Daniel H. Chamberlain (Yale College 1862), of New York City, is awarded annually to that member of the Freshman class who has passed the best examination in the Greek required for admission to College. Candidates for this prize will be required to pass the whole examination in Greek in June of the year of their entrance into College, even though they may have been accepted already in some or all of the Greek subjects in a previous year.

## DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement.

# SHEFFIELD SCIENTIFIC SCHOOL

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## OBJECTS

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning. Instruction is also given in French, German, English, History, Political Economy, and Political Science. The Sheffield Scientific School is one of the departments of the University, like the law, medical, theological, and art schools, having its separate funds, buildings, teachers, and regulations, but governed by the Corporation of the University, which appoints the professors and confers the degrees. It is, in part, analogous to the Academical Department, or classical College, and, in part, to the professional schools.

The instruction is intended for two classes of students:—

I.—Graduates of this and other colleges or universities, and other persons qualified for advanced or special scientific study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in less part linguistic and literary, for higher scientific studies, or for various other occupations to which such training is suited.

## HISTORY AND ORGANIZATION

The School was commenced in 1847. In 1860, a convenient building and a considerable endowment were given by Joseph E. Sheffield, Esq., of New Haven, whose name, at the repeated request of the Corporation of Yale College, was subsequently attached to the foundation. Mr. Sheffield afterwards frequently and munificently increased his original gifts.

In 1863, by an act of the Connecticut Legislature, the national grant for the promotion of scientific education

(under the congressional enactment of July, 1862) was given to this department of Yale University, which thus became the College of Agriculture and the Mechanic Arts for Connecticut. By an act of the State Legislature in 1892 this was revoked and the special relations of the School to the State created by the act of 1863 were terminated.

During the last thirty years numerous liberal gifts have been received from the citizens of New Haven, and from others in Connecticut and New York, for the endowment of the School and the increase of its collections, by which the facilities of the institution have been greatly enlarged.

The Governing Board consists of the President of the University and the professors who are permanently attached to the School. There are many other instructors associated with them, some of whom are connected with other departments of the University.

## INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the natural and physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or in two additional years of Engineering study that of CIVIL ENGINEER or that of MECHANICAL ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of DOCTOR OF PHILOSOPHY. The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the graduate instructors in other departments of the university. This degree is conferred upon those who, having already taken a Bachelor's degree, engage as students in the Department of Philosophy and the Arts for not less than two years in assiduous and careful study. It is not

given upon examination to those whose studies are pursued elsewhere. The requirement for it will in some cases exact of the student more than two years of graduate labor, especially so whenever the course of undergraduate study has been, as in the Scientific School, less than four years. The candidate must pass a satisfactory final examination, and present a thesis giving evidence of high attainment in the branches of knowledge to which he has attended. A good knowledge of Latin, German, and French will be required in all cases, unless, for some exceptional reason, the candidate be excused by the Faculty. The graduating fee is ten dollars.

A detailed statement of the graduate instruction of the University, including over 270 courses, is printed in a later portion of this catalogue. The principal courses offered in the Sheffield Scientific School are given by the following instructors :

Professors BRUSH, PENFIELD and PIRSSON, in Descriptive Mineralogy, and in Lithology, including Microscopical Petrography.

Professor BREWER, in Agriculture and Forest Culture, and in Physical Geography.

Professor CLARK, in Determinants and Differential Equations.

Professor RICHARDS, in Mechanical Engineering.

Professor LOUNSBURY, in English Literature.

Professor VERRILL, in Zoology.

Professor S. I. SMITH and Dr. COE, in General Biology, Comparative Anatomy and Embryology.

Professor DUBOIS, in Civil Engineering.

Professor HASTINGS, in selected subjects in Physics, and guidance in laboratory work.

Professor FARNAM, in the principles of Public Finance.

Professor CHITTENDEN and Dr. MENDEL, in Physiological Chemistry, Physiology, and Experimental Toxicology.

Professors WELLS and PENFIELD, in Analytical Chemistry, including a systematic course in Qualitative Analysis,

a systematic course in Quantitative Analysis and such special branches of Quantitative Analysis as are applied to Mineralogy and various departments of Metallurgy.

Assistant Professor BEECHER, in Invertebrate Paleontology.

Assistant Professor CAMERON, in French.

Assistant Professor P. F. SMITH, in the Theory of Plane Curves and the Theory of Surfaces and Curves in Space.

Dr. EVANS, in Structural and Systematic Botany with special reference to the Microscopic Anatomy of Phanerogamous and Cryptogamous Plants.

Dr. CORWIN, in German.

Messrs. COMSTOCK and H. L. WHEELER in Organic Chemistry.

Mr. BOLTWOOD, in Physico-Chemical measurements and Electro-Chemistry.

The same courses of study are open, for a longer or shorter time, to graduate students who do not desire to become candidates for a degree.

Students who have taken the degree of Bachelor of Philosophy, may obtain the degree of CIVIL or of MECHANICAL ENGINEER at the end of two academical years, by pursuing the following higher courses of study and professional training.

The course of study for the degree of CIVIL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. Analytical Mechanics, Mechanics applied to Engineering.
3. Practical Astronomy, with use of instruments, computations, etc.
4. Construction and Design.
5. Selected subjects in Civil Engineering.
6. Preparation of Theses on special subjects in Engineering.

The course will occupy two years. During the second year candidates may, with the consent of the Professor of Civil Engineering, engage in professional practice.

To secure the requisite amount of professional knowledge and practice, the candidate will be required to fur-

nish a comprehensive report of the results of an examination into the existing condition of some special line of constructive art; or to present proper evidence that he has had actual charge in the field, for several months, of construction or surveying parties, or held some responsible position deemed equivalent to this.

A design must also be submitted of some projected work, based upon data obtained by the candidate, and comprising all the requisite calculations, and the necessary detailed drawings, accompanied by specifications.

The fee for this degree is five dollars.

The course of study for the degree of MECHANICAL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. General Principles of Dynamics (Analytical Mechanics), including special application of these principles to dynamic problems.
3. Construction of Machines. Designs.
4. Preparation of theses on special subjects in Mechanical Engineering.

During the second year, candidates will be permitted to employ such portion of their time as may be deemed advisable or necessary in the examination of engineering works and manufacturing establishments, and may also have the privilege of entering upon professional practice, provided it is done with the knowledge and consent of the Professor of Mechanical Engineering, and under such circumstances as shall appear to him to be favorable to professional progress.

An elaborate thesis on some professional subject, with an original design, or project, accompanied by proper working drawings, will be required at the end of the second year.

The fee for this degree is five dollars.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to the obtaining of a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman class.

It should be distinctly understood, however, that these opportunities are not offered to persons who are incompetent to go on with the regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

## TERMS OF ADMISSION

Candidates must be not less than fifteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman class the student must pass a thorough examination in the subjects mentioned below. Certificates of standing elsewhere are not accepted in place of this examination, but it is desirable that each candidate should submit a statement from his principal instructor, showing definitely the ground covered by his preparatory studies. The subjects required for the full entrance examination are as follows:

1. *English Grammar*—Whitney's *Essentials of English Grammar*, or an equivalent.
2. *English Literature*—Preliminary [see page 144].
3. *English Literature*—Final [see page 145].
4. *History of England*—Candidates will be expected to be prepared on as much as is contained in the shorter text-books, such as Montgomery's, or Ransome's *Short History*.
5. *History of the United States*—Some of the shorter histories, like Johnston's *History of the United States*, may be taken as a basis for study. A knowledge of the fundamental principles of the Constitution will also be required.
6. *Latin Grammar and Exercises*—Simple exercises in translating English into Latin, together with the elements of Latin Grammar.
7. *Caesar*—The first four books of the *Gallic War*.
8. *Vergil*—The first three books of the *Aeneid*. This involves necessarily an ability to scan Latin hexameters.

For these four books of Caesar and three of Vergil's *Aeneid*, no equivalent will be accepted.

9. *German or French*—Candidates will be required to translate at sight easy prose selections from German or French authors, and to have such a knowledge of grammar as will enable them to read the selections intelligently. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

10. *Algebra to Quadratics*—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities, Inequalities, Powers and Roots, including the Theory of Exponents, the Binomial Formula for a Positive Entire Exponent, and the Transformation and Reduction of Radicals.

11. *Algebra from Quadratics*—Equations of the Second Degree, Ratio and Proportion, Progressions, Continued Fractions, Permutations and Combinations, the Doctrine of Limits, the Nature of Series, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest, and Annuities.

12. *Plane Geometry*—Including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures, so much, for example, as is contained in the first five books and the appendix of Phillips and Fisher's *Geometry*.

13. *Solid and Spherical Geometry*—So much, for example, as is contained in the last four books of Phillips and Fisher's *Geometry*.

14. *Trigonometry and the use of Logarithms*—Including the Analytical Theory of the Trigonometrical Functions, and the usual formulae; the Construction and Use of Trigonometrical Tables; and the Solution of Plane Triangles:—so much, for example, as is contained in the first six chapters of Newcomb's larger *Trigonometry* and in articles 75–78 of chapter viii, with the explanation of the first five tables in Newcomb's five-figure *Logarithmic and Trigonometric Tables*, which are furnished at the examinations in New Haven.

15. *Botany*—The requirements will include a knowledge of the structure and of the principles of classification of flowering plants, together with matters pertaining to fertilization and the dissemination of seeds. Gray's *Elements of Botany* is recommended as a suitable aid in preparing for the examination. It is desirable that the candidate should have had some experience in the analysis of common flowering plants.

In his preparation in GEOMETRY, the candidate should, as far as practicable, have suitable exercises in proving simple theorems and in solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulae of mensuration. In TRIGONOMETRY he should be exercised in applying the usual formulae to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solutions of triangles. Finally, in all his calculations, he should study the art of neat and orderly arrangement.

In LATIN, the student should have such continued training in parsing as shall make him thoroughly familiar with declensions and conjugations, and with the leading principles of syntax. To secure these results more effectually, the requirement has been adopted of simple exercises in translating English into Latin. As this course of exercises is designed solely as a preparation for reading, it should be begun at the earliest stage of Latin study. A very large proportion of the deficiencies in the Latin examination for several years past has been due to the neglect of the suggestions of this paragraph, and to the attempt to read a Latin author with totally inadequate grammatical preparation.

*In English Literature* the following requirements are to be noted :

I. READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books.

The books set for this part of the examination will be :—

Preliminary Examination for the class entering in 1897 : Shakespeare's *As You Like It ;* Defoe's *History of the Plague in London ;* Irving's *Tales of a Traveller ;* Hawthorne's *Twice-Told Tales ;* Longfellow's *Evangeline ;* George Eliot's *Silas Marner.*

Preliminary Examination in 1897, for the class entering in 1898 :

Milton's *Paradise Lost*, Books i and ii; Pope's *Iliad*, Books i and xxii; *The Sir Roger de Coverley Papers* in the *Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1898, for the class entering in 1899: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; *The Sir Roger de Coverley Papers* in the *Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Lowell's *The Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

Preliminary Examination in 1899, for the class entering in 1900: Dryden's *Palamon and Arcite;* Pope's *Iliad* Books i, vi, xxii, and xxiv; *The Sir Roger de Coverley Papers* in the *Spectator;* Goldsmith's *The Vicar of Wakefield;* Scott's *Ivanhoe;* DeQuincey's *The Flight of a Tartar Tribe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal.*

II. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books set for this part of the examination will be:

Final Examination in 1897: Shakespeare's *Merchant of Venice;* Burke's *Speech on Conciliation with America;* Scott's *Marmion;* Macaulay's *Life of Samuel Johnson.*

Final Examination in 1898: Shakespeare's *Macbeth;* Burke's *Speech on Conciliation with America;* DeQuincey's *The Flight of a Tartar Tribe;* Tennyson's *The Princess.*

Final Examination in 1899: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Carlyle's *Essay on Burns.*

Final Examination in 1900: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

For candidates who take a complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year; for example, the complete examination in 1897 will cover the books set for the final examination in 1897, together with those set for the preliminary examination in 1896.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination, first taking any five or more of the whole number of subjects at a regular examination, either in July or September, and then completing it at either of the examinations in the next calendar year. At the first, or preliminary, examination, each candidate must submit a statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be given for this examination unless at least five of the above fifteen subjects have been passed satisfactorily.

THE REGULAR EXAMINATION FOR ADMISSION in 1897 will be held in New Haven at North Sheffield Hall, on Thursday, Friday, and Saturday, July 1, 2, 3, beginning at 9 A. M. on Thursday. *Attendance is required at the opening of the examination, at 9 A. M. on Thursday.*

In 1897, examinations (for the Freshman class only) will also be held

in Albany, N. Y., at the Albany Academy;
Andover, Mass., at Phillips Academy;
Auburn, N. Y., at the High School;
Buffalo, N. Y., at the Buffalo High School;
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street;
Cincinnati, O., at the Hughes High School, 5th street, head of Mound;
Cleveland, O., at the University School, Haugh avenue and Giddings street;
Columbus, O., at the Columbus Latin School;
Concord, N. H., at St. Paul's School;
Denver, Col., at the East Denver High School;
Dobbs Ferry, N. Y., at the Westminster School;
Easthampton, Mass., at Williston Seminary;
Exeter, N. H., at Phillips Academy;
Groton, Mass., at Groton School;
Indianapolis, Ind.;
Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets;
Knoxville, Tenn., at the University School;
Lakeville, Conn., at the Hotchkiss School;
Lawrenceville, N. J., at the Lawrenceville School;

in Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street;
New York City, at the Y. M. C. A. building, 23d street and 4th avenue;
Norwich, Conn., at the Free Academy;
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street;
Pittsburg, Pa., at Shady Side Academy;
Portland, Oregon, at the Bishop Scott Academy;
Pottstown, Pa., at the Hill School;
San Francisco, Cal., at the Urban School, 2124 California street;
St. Louis, Mo., at the Board of Education Building, corner 9th and Locust streets;
St. Paul, Minn., at the High School;
Scranton, Pa., at the School of the Lackawanna;
Southboro, Mass., at St. Mark's School;
Tacoma, Wash., at the Tacoma Academy;
Washington, D. C., in the examining-room of the Civil Service Commission, corner of 8th and E streets.

An examination will be held on the same days in some city of Northern Europe. The exact place will be advertised in the Paris edition of the New York Herald during the first week of May and the first week of June. For this European examination, a fee of twenty-five dollars will be charged.

Candidates who propose to be present elsewhere than in New Haven are requested to send their names to Professor George J. Brush, Director of the School, before June 1. A fee of five dollars, payable at the place of examination, will be charged for admission to the examinations outside of New Haven.

A second examination is held, *in New Haven only*, at the beginning of the college year, on Monday, Tuesday, and Wednesday, September 27, 28, 29, 1897. Candidates for this examination must be present at North Sheffield Hall at 2 P. M. on Monday.

ORDER OF EXAMINATION

*Thursday, July 1*

MORNING

[Session begins at 9.00 A. M.]

| | |
|---|---|
| Latin Exercises, | 9.40—10.25 |
| Caesar, | 10.30—11.25 |
| Vergil, | 11.30—12.30 |

AFTERNOON

| | |
|---|---|
| Botany, | 3.00— 3.30 |
| German or French, | 3.35— 4.35 |
| Plane Geometry, | 4.40— 6.00 |

*Friday, July 2*

MORNING

| | |
|---|---|
| Solid and Spherical Geometry, | 9.00—10.30 |
| English Grammar, | 10.35—11.05 |
| English Literature, (preliminary) | 11.05—11.55 |
| English Literature, (final) | 12.00— 1.00 |

AFTERNOON

| | |
|---|---|
| Algebra to Quadratics, | 3.00— 4.25 |
| Algebra from Quadratics, | 4.30— 6.00 |

*Saturday, July 3*

| | |
|---|---|
| History of the United States, | 9.00— 9.45 |
| History of England, | 9.50—10.35 |
| Trigonometry and Logarithms, | 10.40— 1.00 |

*Monday, September 27*

[Session begins at 2.00 P. M.]

| | |
|---|---|
| Latin Exercises, | 2.30— 3.20 |
| Caesar, | 3.25— 4.20 |
| Vergil, | 4.25— 5.30 |

*Tuesday, September 28*

MORNING

| | |
|---|---|
| Botany, | 9.00— 9.30 |
| German or French, | 9.35—10.35 |
| Plane Geometry, | 10.40—12.00 |

AFTERNOON

| | |
|---|---|
| Solid and Spherical Geometry, | 2.00— 3.30 |
| English Grammar, | 3.35— 4.05 |
| English Literature, (preliminary) | 4.10— 5.00 |
| English Literature, (final) | 5.00— 6.00 |

*Wednesday, September 29*

MORNING

| | |
|---|---|
| Algebra to Quadratics, | 9.00—10.30 |
| Algebra from Quadratics, | 10.40—12.10 |

AFTERNOON

| | |
|---|---|
| History of the United States, | 2.00— 2.45 |
| History of England, | 2.50— 3.35 |
| Trigonometry and Logarithms, | 3.40— 6.00 |

In general, examinations for admission to the *next* Freshman class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

All candidates for advanced standing, *whether from other colleges or not*, are examined, in addition to the preparatory studies, in the studies already pursued by the class which they wish to enter. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission. No one is admitted as a candidate for a degree later than at the beginning of the Senior year.

## INSTRUCTION FOR UNDERGRADUATE STUDENTS

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all; for the other years, the instruction is chiefly arranged in Special Courses. The Courses most distinctly marked out are:

(*a.*) In Chemistry; (*b.*) In Civil Engineering;
(*c.*) In Mechanical Engineering; (*d.*) In Electrical Engineering;
(*e.*) In Agriculture; (*f.*) In Natural History;
(*g.*) In Mineralogy and other studies preparatory to Geology;
(*h.*) In Biology preparatory to Medical studies;
(*i.*) In studies preparatory to Mining and Metallurgy;
(*j.*) In Select studies preparatory to other higher studies.

The arrangement of studies is indicated in the annexed scheme. A fuller statement of the methods and character of the instruction will be found below, pp. 156–71. Unless otherwise specified, the number of hours given means hours per week.

### FRESHMAN YEAR: INTRODUCTORY TO ALL THE COURSES

FIRST TERM:—*German or French*—3 hrs. *Mathematics*—Plane Analytical Geometry, 3 hrs. *Physics*—Recitations, 2 hrs.; Experimental Lectures, 2 hrs. *English*—Lounsbury's History of the English Language, 2 hrs. *Elementary Drawing*—Practical lessons in the Art School, 3 hrs. *Lectures on the Care of the Health.*

SECOND TERM:—*German or French and Physics*—as stated above. *Chemistry*—Mixter's; Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Mathematics*—Plane Analytical Geometry, continued; the Derivatives of Algebraic Functions; Fundamental Properties of Equations; Solution of Numerical Equations; 3 hrs. *Drawing*—Principles of Orthographic, Isometric, and Oblique Projection; Intersection and Development of Surfaces; Outlines of Shadows; Shading and Tinting; Elements of Perspective; Examples of various applications of Instrumental Drawing; 3 hrs.

NOTE. The Freshman class is divided, as soon as practicable, into several divisions according to scholarship, and an opportunity to make rapid progress is thus given to the more proficient.

For the Senior and Junior years, the students select for themselves one of the following Courses:

(a.) IN CHEMISTRY:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs.; Laboratory Practice, 15 hrs.; Blowpipe Practice and Determinative Mineralogy, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Quantitative Analysis and Inorganic Preparations*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determination of Species, 3 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Recitations and Lectures, 2 hrs. *General and Theoretical Chemistry*—Recitations, 3 hrs. *Quantitative Analysis*—15 hrs. *Geology*—Recitations, 3 hrs. *French*—2 hrs.

SECOND TERM:—*General and Theoretical Chemistry*—Recitations, 3 hrs. *Historical Chemistry*—Lectures, 2 hrs. *Chemistry*—Analytical or Experimental Organic Chemistry, 15 hrs. *Metallurgy, Assaying, and Gas Analysis*—2 hrs. *Geology*—3 hrs. *Mineralogy*—(optional). *French*—2 hrs.

The Laboratory Practice of the last half of the second term of Senior year may be devoted to such special branches of Analytical, Inorganic, or Organic Chemistry as the student may desire, or to original investigations in connection with theses.

## (b.) IN CIVIL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Mechanics*—Kinematics, 1 hr. *Surveying*—Field-work, 16 hrs. till November. *Drawing*—Descriptive Geometry, 8 hrs. from November. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus with applications to Geometry and Kinetics, 5 hrs. *Mechanics*—Kinematics, 1 hr. *Drawing*—Descriptive Geometry, concluded; Topographical drawing; Practice in working-drawings; 6 hrs. *Spherical Trigonometry*—4 hrs. *Surveying*—Topographical and Railroad curves, 16 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Field Engineering*—Location of line of Railroad; first three weeks in September. Office-work; mapping; calculation of earthwork; lectures on economic location; 6 hrs. Lectures on Railroad Economics, 2 hrs. *Mechanics*—Statics, 3 hrs. *Civil Engineering*—Mechanics applied to Engineering; Resistance of Materials; Bridges and Roofs; Stone Cutting with Graphical Problems; 8 hrs. *Geology*—Recitations, 3 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 8 hrs. *French*—2 hrs.

SECOND TERM:—*Civil Engineering* — Bridges and Roofs; Building Materials; Stability of Arches and Walls; Foundations; 6 hrs. Roads, Pavements, and Sewers, 3 hrs. *Mechanics* — Applied Mechanics, 6 hrs. *Hydraulics*—Hydraulics and Hydraulic Motors, 3 hrs. *Drawing*—Designing; Practical Problems; Specifications and Estimates; 12 hrs. *Astronomy*—Practical Astronomy, with field-work; Adjustment of observations; Theory of Least Squares; 6 hrs. *Geology*—3 hrs.

## (c.) IN MECHANICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Principles of Mechanism*—Kinematics, 2 hrs. *Drawing*—Descriptive Geometry, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinetics, 5 hrs. *Principles of Mechanism*—Ap-

plied Kinematics; Forms of Teeth of Wheels; Cams; Parallel Motions; Transmission of Power by Belts and Gearing, etc.; 1 hr. *Shop Visiting*—Study of Machine Details and Tools, 3 hrs. *Study of the Steam Engine*—Recitations and Lectures, 1 hr. *Drawing*—Machine Elements and Mechanical Movements, 3 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Applied Mechanics*—Recitations and Lectures; Elasticity and Strength of Materials; Theory of Flexure and Torsion; Strains in Structures; Construction of Roofs and Bridges; 7 hrs. *Machine Designing*—Practical Exercises in Designing Machine-Details and Simple Machines, 7 hrs. *Study of the Steam Engine*—continued; Recitations and Lectures, 2 hrs. *Visits of Inspection*—Examination of Machinery in Operation; Reports of Visits. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French*—2 hrs.

SECOND TERM:—*Applied Mechanics*—continued, 2 hrs. *Hydrostatics and Hydrodynamics*—Theory of Flotation; Flow of Water in Pipes and Channels; Resistance of Ships; Theory of Water-Wheels and Turbines; 2 hrs. *Thermodynamics*—Theory of Heat Engines, 2 hrs. *Study of the Steam Engine and Boiler*—2 hrs. *Machine Designing*—continued; Advanced Exercises in Preparing Designs and Working-Drawings for Machinery; Estimates of Weight and Cost of Machinery; 7 hrs. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs. *French*—2 hrs. *Lithology*—Lectures (optional). *Visits of Inspection and Reports.*

## (d.) IN ELECTRICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Theory of Heat*—2 hrs. *Descriptive Geometry*—3 hrs. *Mechanism*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry and Kinematics, 5 hrs. *Theory of Electricity*—2 hrs. *Descriptive Geometry*, followed by *Shop-Visiting*—3 hrs. *Mechanism*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Theory of Observations and Theory of Instruments*—3 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Study of the Steam Engine*—2 hrs. *French*—2 hrs.

SECOND TERM:—*Theory of Electricity*—3 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Thermodynamics*—2 hrs. *French*—2 hrs.

## (e.) IN AGRICULTURE:

JUNIOR YEAR:

The course is identical with that in Chemistry, except that in the second term lectures in Crystallography and Descriptive Mineralogy are omitted, and in the Spring half-term Botany is substituted for Determinative Mineralogy.

SENIOR YEAR:

FIRST TERM:—*Agriculture*—Recitations, 2 hrs. *Agricultural Chemistry* (Chemical Physiology of Vegetation)—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Meteorology*—Lectures, 2 hrs. *Botany*—Laboratory Practice, 5 hrs. *French*—Recitations, 2 hrs.

SECOND TERM:—*Agriculture*—Recitations or Lectures, 2 hrs. *Agricultural Chemistry*—Lectures, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Heredity and Stock-Breeding*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science and Public Health*—Lectures, 2 hrs. during Spring half-term. *French*—2 hrs.

## (f.) IN NATURAL HISTORY:

Either Zoology or Botany may be made the principal laboratory study, some attention in each case being directed to the other branches of Natural History.

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs. Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Zoology*—Laboratory Practice, 6 to 12 hrs.; Recitations; Excursions (land and marine). *Botany*—Laboratory Practice in a study of the Types of the lower Cryptogamous Plants, 5 hrs. during Spring half-term. *Physiology*—Recitations and Lectures, 2 hrs. *Organic Chemistry*—2 hrs. *Embryology*—Lectures. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Physical Geography*—4 hrs. during Winter half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Lectures, 2 hrs.; Recitations, 4 hrs.;

Excursions. *Botany*—Laboratory Practice in the study of the Anatomy of the higher Cryptogamous and Phanerogamous Plants, 5 hrs.; Excursions. *Meteorology*—Lectures, 2 hrs. *French*—2 hrs.

SECOND TERM:—*Geology*—Recitations, 3 hrs. *Anatomy of Vertebrates*—2 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Recitations, 4 hrs.; Lectures, 2 hrs. *Botany*—Herbarium Studies, in any desired line; Botanical Literature; Essays in Descriptive Botany. *Sanitary Science*, *Laws of Heredity*, and *Principles of Breeding*—Lectures. *French*—2 hrs.

Besides the regular course of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught in the laboratories to prepare, arrange, and identify collections, to make dissections, to pursue investigations, and when sufficiently advanced, to describe genera and species in the language of science. For these purposes, large collections in Zoology and Botany belonging to the University are available.

## (g.) IN MINERALOGY AND OTHER STUDIES PREPARATORY TO GEOLOGY:

### JUNIOR YEAR:

In Junior year the course is identical with that in Chemistry.

### SENIOR YEAR:

FIRST TERM:—*Crystallography*, including the use of the Goniometer and the measurement, drawing, and calculation of Crystals—Lectures or Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Advanced Course in Descriptive Mineralogy*—Lectures, 1 hr. *Determinative Mineralogy*. *Geology*—Recitations, 3 hrs.; Geological Excursions. *Zoology*—Lectures, 2 hrs. *French*—2 hrs.

SECOND TERM:—*Optical Properties of Crystals* followed by *Petrography*, including the use of the Polarizing Microscope—Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Descriptive Mineralogy*, continued—1 hr. *Determinative Mineralogy*, continued. *Geology*, continued—3 hrs. *Zoology*, continued—2 hrs. *French*—2 hrs.

Only a limited number will be admitted to this course.

## (h.) IN BIOLOGY PREPARATORY TO MEDICAL STUDIES:

### JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *Qualitative Analysis*—Laboratory Practice, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM :—*Comparative Anatomy and General Biology*—Lectures, Recitations and Laboratory Practice, 18 hrs; *Physiology*—Recitations, 2 hrs. *Embryology*—Lectures during the Spring half-term, 1 hr. *Organic Chemistry*—continued, 2 hrs. *Mineralogy*—continued through Winter half-term, 4 hrs. *Botany*—Laboratory Practice in a study of the Types of the lower Cryptogamous Plants, 5 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

SENIOR YEAR :

FIRST TERM :—*Physiological Chemistry and Physiology*—Recitations and Lectures, 3 hrs.; Laboratory Practice, 13 hrs. *Organic Chemistry*—Lectures and Recitations, 2 hrs. *Zoology*—Lectures, 2 hrs. *Botany*—Laboratory Practice in the study of the Anatomy of the higher Cryptogamous and Phanerogamous Plants, 5 hrs. *Geology*—Recitations, 3 hrs. *French*—2 hrs.

SECOND TERM :—*Physiological Chemistry, Physiology, and Experimental Toxicology*—Illustrative Lectures, Recitations, and Laboratory Practice, 24 hrs. *Organic Chemistry*—2 hrs. during Winter half-term. *Geology*—Recitations, 3 hrs. *Zoology*—Laboratory work in the dissection of typical Animal Forms, 4 hrs. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Laws of Heredity and Principles of Breeding*—Lectures, 2 hrs. during Winter half-term. *French*—2 hrs.

## (i.) IN STUDIES PREPARATORY TO MINING AND METALLURGY :

Young men desiring to become Mining Engineers can pursue the regular Course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of Metallurgical Chemistry, Mineralogy, etc.

## (j.) IN SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES :

JUNIOR YEAR :

FIRST TERM :—*Physical Geography*—Recitations from Warren, and Lectures, 2 hrs. *English*—Early English, 3 hrs. *History*—Myers's Mediæval and Modern History, and Dalgleish's Periods of English History, 5 hrs. *French*—3 hrs. *German*—3 hrs.

SECOND TERM :—*Physical Geography*—continued, 2 hrs. during Winter half-term. *Botany*—Lectures; Laboratory Practice in the identification of Phanerogamous Plants, 4 hrs. during Spring half-term.

*Astronomy*—2 hrs. during Winter and Spring half-terms. *English*—Chaucer, Bacon, Shakespeare, 3 hrs. during Winter half-term; 2 hrs. during Spring half-term. *History*—continued, 2 hrs. during Winter half-term; 3 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *English*—Shakespeare, 3 hrs. *Meteorology*—Lectures, 2 hrs. *Political Science*—5 hrs. *French*—2 hrs.

SECOND TERM:—*Geology*—continued, 3 hrs. *Heredity*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Political Economy*—Recitations, Exercises, and Lectures, 4 hrs. during Winter half-term; 5 hrs. during Spring half-term. *Constitutional History of the United States*—2 hrs. during Winter half-term. *English*—Shakespeare, Milton, Dryden, Pope, Gray, and later authors, 3 hrs. *French*—2 hrs.

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Lectures and instruction in Military Science are annually given to the Senior class by the Professor of Military Science and Tactics.

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The following account of the various subjects specified in the above scheme will explain the character and aim of the instruction.

ELEMENTARY CHEMISTRY—The exercises in Elementary Chemistry consist in recitations from a text-book, and experiments by the students in the laboratory to illustrate statements in the book. The object of the laboratory work is to facilitate the study of the subject, and to train the students in manipulation and in the observation of chemical phenomena. Notes are required, and students are questioned on the experiments.

ANALYTICAL CHEMISTRY, *Qualitative and Quantitative*—This study is intended to serve two purposes. Analytical Chemistry is used by the advanced student as a means of investigation in scientific or technical researches. The beginner, however, derives from its study advantages of another kind. The knowledge of the properties of chemical compounds, the familiarity with chemical reactions gained by experience in the laboratory, and the development of the reasoning faculties by the application of this knowledge in analytical processes, enable the stu-

dent to generalize and classify chemical phenomena, and aid him to understand the more abstract theories of chemical philosophy. The method of instruction adopted conforms to this view of the uses of the study. Text-books are used and recitations are required, but the more important part of both study and instruction is performed in the laboratory. In order to solve the problems which are there constantly presented, the student, aided by books and instructors, must learn both principles and their applications. The student, throughout his course in Analytical Chemistry, spends three consecutive hours in laboratory work during five days of the week. The laboratory, however, is kept open seven hours daily for the benefit of graduate students and others who desire to devote more time to this study.

Qualitative Analysis forms a part of the courses in Chemistry, Biology, Agriculture, and Natural History. Quantitative Analysis is one of the more important studies of the Senior year in the Chemical Course. It is also included to some extent in the Agricultural Course.

GENERAL AND THEORETICAL CHEMISTRY—This subject occupies three hours a week during the whole of the Senior year in the Course in Chemistry. Remsen's *Inorganic Chemistry* is used as a text-book, and regular recitation work is supplemented, as occasion demands, by oral instruction. The course is designed to present to the student such a general view of the science of Chemistry as will enable him to appreciate the investigations which are being carried on at the present time in its various departments, and will also give him a knowledge of the fundamental principles involved in the chemical processes used in the arts.

ORGANIC CHEMISTRY—The course in Organic Chemistry is a combination of text-book work with experimental lectures. The class has two exercises weekly from the commencement of Junior year to the end of the first half of the second term of Senior year. Laboratory work in this department of Chemistry is required during the first term of Junior year and the first half of the second term of Senior year.

Opportunity is also afforded for the carrying on of original investigations in this subject, either in connection with theses, or as a part of the regular work in the case of advanced students.

PHYSIOLOGY—Elementary Physiology is taught by text-book recitations and demonstrations, being designed especially for Junior students in the Biological course. In Senior year, particular attention is paid to the physiology of digestion and nutrition in connection with the study of Physiological Chemistry. Opportunity is likewise afforded for experimental work in certain lines of pure Physiology.

PHYSIOLOGICAL CHEMISTRY and EXPERIMENTAL TOXICOLOGY—Physiological Chemistry is taught by laboratory exercises, illustrative lectures, and recitations. Each student is provided with a suitable working place in the laboratory, well equipped with all needed apparatus and material. The regular course of work, designed especially for Senior students in the Biological Course, extends through one year and embraces a thorough study of the chemical composition of the various tissues and fluids of the body, together with a study of the chemical and physiological processes of respiration, digestion, secretion, excretion, and nutrition in general.

Beginning with a study of the albuminous bodies, the experimental work extends through the epithelial, connective, contractile, and nervous tissues. Proceeding then to digestion, the various digestive fluids are studied, artificial digestions are made, and the several products of digestive action isolated and studied. The blood and urine are next considered, and students are taught to make both qualitative and quantitative analyses of the latter and to identify abnormal constituents. A portion of one term is also devoted to a study of the chemical reactions of the more important mineral and organic poisons, and their physiological action is determined experimentally. Students are also taught how to separate poisons from organic tissues and fluids, and to identify them, both by chemical and physiological reaction. During the latter half of the second term of Senior year, opportunity is afforded for the carrying on of original investigations on some selected subject in either physiological chemistry or toxicology, in connection with the preparation of graduating theses. This course of work is particularly recommended to students intending to enter upon a course of medical studies.

COMPARATIVE ANATOMY and GENERAL BIOLOGY are taught by laboratory work, lectures, and frequent examinations. The regular course of instruction, intended especially for Juniors in the Biological Course, extends through the second term, and is designed to give the student the mental and manual training in the methods of investigation by which the facts and principles of these sciences have been established, and at the same time to give him a sufficient knowledge of their elements to enable him to pursue with profit the more special studies which follow.

The course begins with the general anatomy of the vertebrate type, in connection with the study of Elementary Physiology. Dissections of the frog and mammal are made under the immediate supervision of the instructor, and the student is required to make careful sketches and records of his work, which is supplemented by demonstrations and informal lectures. Some of the simpler forms of plants and animals

are next studied microscopically, the methods of microscopical investigation taught, and the general facts of cell-structure illustrated. The histology of the higher animals is then studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues under the microscope. During the Spring term, instruction in embryology, with special reference to human morphology, is given by a short course of lectures and demonstrations.

Opportunity is also afforded for a short course of laboratory work in Bacteriology to such students as have sufficient time and are properly qualified.

GEOLOGY—The course in Geology includes recitations and oral instruction, extending through the year. During the first half-year, the recitations are attended by the entire Senior class, except those in the courses in Mechanical and Electrical Engineering. This part of the course includes Physical, Lithological, and Dynamical Geology. These subjects are illustrated by diagrams and specimens.

The last half-term of the year is devoted to Historical Geology and Palaeontology. This part of the course is pursued by all the Seniors except those in the Engineering courses. Suitable collections of fossils are used to illustrate the subject.

Opportunities are afforded for optional geological excursions during the warmer months.

MINERALOGY—The instruction in Mineralogy is carried on by means of practical work in a laboratory especially fitted up for the purpose, and is intended to familiarize the student with the common minerals, attention being devoted especially to those which are of economic, geological, or scientific importance. To understand better the chemistry of the subject, the student is first made familiar with the simple chemical and blowpipe reactions useful in testing minerals, and applies this knowledge later to the determination of unknown species. The students have access to a labeled collection, where they can study the properties of the minerals and make comparisons, and also to extensive unlabeled collections, arranged especially to give them practice and facility in the correct identification of minerals. In addition to the laboratory work, instruction is given in Crystallography, illustrated by a collection of models and natural crystals. The lectures in Descriptive Mineralogy to the more advanced students are illustrated by means of the extensive private collection of Professor Brush. The laboratory is provided with apparatus for the thorough chemical and physical investigation of minerals and with an extensive library to which students

have access. The laboratory is open seven hours each day to accommodate any who desire to devote more time to the subject than is laid out in any of the prescribed courses.

LITHOLOGY—Elementary lectures with special application to economic uses and properties of rocks. For more advanced work see under the Graduate School.

ZOOLOGY—The instruction in Zoology includes a course of lectures on Systematic Zoology, Morphology, and Embryology. These lectures are generally given twice a week, and continue during about half the year. The students are required to keep careful notes of the lectures.

Students in the Natural History course are also required to pursue a course of laboratory instruction during the second term of Junior and all of Senior year. This generally occupies from two to four hours a day on four days of each week. It includes dissections of various classes and orders of animals, with microscopic studies of the finer structures and of minute animal forms, as well as work in Systematic Zoology.

Special courses of recitations or lectures on particular subjects are also given when desirable.

BOTANY—During Junior year botanical instruction is restricted to the sections in Biology, Natural History, Agriculture, and Selected Studies, and is intended to enable the student to recognize the chief natural orders of native plants, with the ability to identify the common species. The class meets two or three times a week in spring and summer, and is practiced in identifying plants, using Gray's *Manual* as a standard, and employing the ordinary simple dissecting microscope. At this point the instruction for the Select Course ceases; in the next fall term the work for the courses in Biology, Natural History, and Agriculture is entirely practical, books being used only for reference. Students begin with a microscopic study of vegetable tissues, and after they have acquired some facility in microscopic manipulation, various parts of flowering plants are brought in for dissection and examination, and towards the close of the term some attention is given to ferns, mosses, and algae. This finishes the course for ordinary students; for those who may desire to prosecute the science professionally, the work is arranged to suit individual requirements, whether it be in the direction of Morphology, Physiology, or Systematic Botany, as applied to either flowering plants or the cryptogamous orders.

AGRICULTURE—The special instruction in the science of Agriculture is by recitations and lectures, with such aids and appliances as are suited to the class-room and laboratory. Besides Analytical and Agri-

cultural Chemistry, it includes a discussion of the cultivation of the staple field crops of the country; theories of rural economy and systems of husbandry; the laws of heredity, and principles of stock-breeding; Botany, Mycology and the diseases of plants, and Zoology. Opportunity is afforded also for the study of insects injurious to crops.

SANITARY SCIENCE—The lectures on this subject discuss the natural laws which govern the public health; their relation to public sentiment and the form of government of communities; the significance and use of mortuary statistics; the germ-theory of disease and theory of disinfection; epidemics and pestilences, their relations to the prosperity of a community; methods of control; the hygiene of private dwellings and public buildings; the relations of the water-supply to public health; sewerage; the function of boards of health and methods of sanitary administration.

*Hygiene*—One lecture per week for the first eight weeks of the first term on personal hygiene and the care of the health, more especially as relative to student life.

HEREDITY—A course of twenty lectures is given during the second term of Senior year on the principles of Heredity, and their applications to stock-breeding, to medicine and hygiene, and to the investigation of certain sociological problems.

METEOROLOGY—Two lectures per week during the first term, embracing the physics of the atmosphere, the science of Meteorology, and the methods of weather-prediction used in the weather signal service.

PHYSICAL GEOGRAPHY—This subject occupies four hours per week in the Select Course, during the first term of Junior year, and includes the elements of Dynamical Geology. Warren's *Physical Geography* is used as a text-book, the recitations being supplemented by lectures and illustrated by means of maps, relief maps, models, and photographs.

MATHEMATICS—The Mathematical studies of the Freshman year are pursued by all members of the class; those of the Junior year, by students in the Engineering courses, and properly qualified special students who may choose them.

PHYSICS—The object of the experimental lectures is not only to elucidate the subjects treated in the text-books employed, but also to extend the treatment of such subjects, and to introduce others where thought desirable. A considerable portion of the work of the year is the preparation for recitation on matter thus presented.

The facilities of the Physical Laboratory are extended to such graduate students and Seniors as may desire them.

*Course in Advanced Physics*—A course of two lectures per week, beginning in January, is supplemented by laboratory work. The earlier portion of the time is devoted to the theory of observation and the method of least squares. The course is optional to all who have a command of the calculus.

MILITARY SCIENCE AND TACTICS—Instruction in this course is obligatory upon the whole Senior class in all departments. The work is carried on chiefly by lectures, upon which satisfactory notes must be submitted. Such topics as the following are discussed: military economy; the American military problem; organization and reorganization; modern war on field and map; statistics and logistics; the combined use of "the three arms;" strategy and campaigning; orders of battle and grand tactics; special operations of war and field service; minor tactics and the art of war; use of cavalry in campaign and battle; use of artillery; use of infantry; and the Turko-Russian war. The course will terminate with an examination, and a special military certificate is awarded, by the Regular Army officer in charge of the department, to such students as attain a sufficient degree of proficiency, and give evidence of military aptitude. In connection with this course a brief original paper is required.

When a sufficient number of students desire it, practical instruction in drill in the School of the Soldier and School of the Company will be given. The names of the three most distinguished students in this department must be sent to the Adjutant General of the Army for publication in the Army Register, and also be sent to the Adjutant General of the State to which each student belongs.

CIVIL ENGINEERING—The object of this course is to give, first of all, a thorough preparation in the principles of the various sciences involved, and afterwards, as extensive practice in the application of these principles as the time at disposal, the ability of the students, and the facilities and plant permit.

Under the first head are included such subjects as Mathematics, Physics, Mechanics, Thermodynamics, Astronomy, Geology, Mineralogy, and Chemistry; and under the second head, Drawing, Surveying, Strength and Properties of Materials, and Design and Construction of various kinds, such as Bridges, Roofs, Foundations, Arches, Retaining Walls, Dams, Water Works, Railroads, Improvement of Rivers and Harbors, Sewerage and Drainage, Motors, etc.

The first division includes Civil Engineering as a Science, the other, Civil Engineering as an Art. The ground covered by the first is defi-

nite, and the instruction is made as thorough as possible. The ground covered by the second is of almost indefinite extent. Here, by a careful selection of practical examples, such as occur in engineering practice, the application of principles is illustrated, and together with the analytical or algebraic methods, the student is also instructed in practical graphic solutions, wherever such solutions present a special value. Much time is devoted to geodetic operations and to surveying in the field. Instruction is given in the practical operations connected with the reconnaissance, location, and surveys of roads, canals, and railroads, such as setting out, cross-sectioning, setting grade stakes, calculation of earthwork, etc. The practical instruction in the Field-Work of the Senior year takes place in September, not less than three weeks before the beginning of the Fall Term. This instruction for the year 1897 begins on Wednesday, September 1st. Thorough instruction is also given in drawing and design, the construction of working-drawings, and principles of designing as applied to bridges, roofs, etc.

The method of teaching is by means of practical exercises, lectures, and recitations, so combined as to develop as far as possible the mental powers of the student. Visits of inspection are made at suitable intervals to private and public works of engineering interest.

The entire course requires five years, three years of undergraduate and two of graduate instruction; and a thesis of merit upon some approved subject, accompanied by designs and estimates, is required upon the completion of the course. Examinations are also held at the end of every term and year.

In what follows, such details are given as may be of interest to those who contemplate taking the course.

*Mathematics*—5 hours weekly, Junior year. See Synopsis of course.

*French and German*—Students in this course take in the Junior year the regular studies of the Junior class in both German and French. French may be continued to the end of Senior year.

*Drawing and Descriptive Geometry*—Drawing is begun at once in the first term of Freshman year, under the charge of the Professor of Drawing in the Art School, and includes practice in free-hand drawing. In the second term, under the Instructor in Instrumental Drawing, the students take isometric drawing with application to drawing from models and structures by measurements, shading, tinting, conventional use of colors, principles of orthographic projections, and practice in making simple working-drawings, 4 hours both terms.

The Drawing of Junior year, 3 hours both terms, includes Descriptive Geometry, the drawing of structures from measurement, and elements of design for simple structures. The instruction is by recitations, lectures, practical exercises, and models, and is under the charge of the Instructor in Instrumental Drawing and the Professor and Instructor

in Civil Engineering. Included in the work of this year is also the mapping of surveying field-notes.

In Senior year, the drawing consists of the mapping of the surveys of that year, and the designing of structures and finished drawings, designs, and estimates, under the charge of the Professor and Instructor in Civil Engineering, 6 hours both terms.

*Surveying and Field Engineering*—The instruction in the field occupies about 20 hours for six or more weeks in both terms of Junior year. The exercises at these times are so arranged as to secure as much consecutive time as possible in the field. The work of the Junior year includes the use and adjustment of instruments; practice surveys; recitations and lectures upon surveying operations and methods of keeping field-notes. Levels are run, surveys made, plotted, and checked; blue-print copies of drawings made, the use of compass, level, and transit acquired. In the second term of Junior year, land and topographical surveys are made and railroad curves run.

In the three weeks before the beginning of the first term of Senior year, a line of railroad is located and set out from a contour map previously obtained, grades and curves established and set out, and computations made. The theory of economic location is taught by lectures and recitations in connection with the field-work. The work is arranged so that each student has sufficient practice in all the various operations. The text-books used are Gillespie and Johnson's works, Henck's *Field Book*, Gore's *Elements of Geodesy*, and Merriman's *Theory of Least Squares*. The course is under the charge of the Instructor in Civil Engineering, aided by several assistants.

*Mechanics of Engineering*—Senior year, 6 to 8 hours, both terms. The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics. The course includes thorough instruction in the strength of materials, the stability of foundations, retaining walls, dams and embankments, and masonry arches, by lectures and graphic methods. Questions of hydraulics, water-supply, the measurement of discharge, and the theory and construction of water-motors receive attention.

*Construction and Design*—Senior year, 6 hours both terms. A thorough course is given in the determination of stresses and the detailed design of roofs, bridges, etc., with working-drawings, specifications, and estimates. Visits of inspection are made, and recitations and lectures held in connection with the work in the drawing room.

*Astronomy*—This course occupies 6 hours during the second term of Senior year, and includes practical work and the use of the sextant and transit in determining time, latitude, and azimuth.

*Geology*—This course occupies 3 hours up to the middle of the second term of Senior year.

*Mineralogy*—This course, under the Professor of Mineralogy, occupies three hours up to the middle of the second term in Senior year.

A course of lectures on the theory of electricity and its applications, by the Professor of Physics, is open to students in this department, and can be taken as a part of the preparation for a graduate course in the higher branches of electrical science.

MILITARY ENGINEERING—The object aimed at is to disseminate military information, and to awaken interest in the application of the arts of peace to those of possible war. In connection with the courses of Civil Engineering and Military science, lectures will be given upon such topics as: systems of fortification; sea-coast defenses; hasty intrenchments; passage of rivers and military bridges; military reconnaissance, and instruments; battlefield telemetry and methods; sea-coast range-finding, and ship-tracking devices; gunpowder and ballistic machines; high explosives and demolitions; gun metals, modern ordnance, and gunnery; armor plates, turrets, projectiles and fuses, torpedoes, submarine mines, military electric installation, and countermining.

MECHANICAL ENGINEERING—The objects aimed at in the plan of instruction in this course are, to give to the student a thorough training in elementary and advanced Mathematics and Physics, and their application to the science of construction; to make him familiar with the general principles of Engineering and with the practical details of mechanical construction through which these principles are made useful; and to enable him ultimately, in beginning the work of his profession, to bring to bear upon it a well balanced store of theoretical and practical knowledge, and a mind trained in correct habits of thought and work.

The complete course covers five years, three of which are spent in undergraduate study, and two in a graduate course, a portion of which may be given to actual practical work. The subjects and methods of instruction in the undergraduate course are as follows:—

*Mathematics*—See Synopsis, page 151.

*French and German*—Students take in the Junior year the regular studies of the Junior class in both French and German. French may be continued to the end of Senior year.

*Shop-Visiting* divides the time equally with Drawing in the Junior year until the spring recess. The student, accompanied by the instructor, is employed in studying machinery in use and in process of construction in different machine-shops in the city. He is required to make satisfactory, carefully dimensioned sketches, from measurements taken by himself, of the complete machines and their parts, and to describe the tools and mechanical operations used in producing the simpler pieces.

*Drawing*—Descriptive Geometry is taught in the drawing room by lectures and recitations, and by exercises at the drawing board, where the problems are solved graphically by the student. Instruction in drawing Machine Elements is given in the Junior year. Models and cartoons showing examples of approved practice are used by the instructor, who also gives personal attention to each student's work at the board as it progresses.

*Principles of Mechanism*—This is a course in theoretical and applied Kinematics. Instruction is by text-books and lectures, illustrated by diagrams and models, an extensive collection of which belongs to the School and is accessible to the student.

*Steam Engine*—Recitations and lectures in this subject begin in the Junior year, after the spring recess. They relate to the structural details of engines and to the mechanical principles involved in their working. The subject is continued in the Senior year, when particular attention is directed to various kinds of valve-gear, the governor, the fly-wheel, balancing, and the effect of the weight of the reciprocating parts. In the second term of Senior year, the study of steam boilers follows that of engines.

*Indicator Practice*—In the Senior year, the student is afforded opportunities to apply the indicator to various engines in operation, and has practice in reading indicator cards and measuring them by the planimeter. He is taught to detect such defects in the engine as are shown by the cards.

*Applied Mechanics*—In this course lectures, recitations, and exercises in the solution of practical problems, relate to the topics specified under this head in the scheme on page 152.

*Thermodynamics*—Recitations and lectures on the mechanical theory of heat and its application to hot-air engines, gas engines, and the steam engine.

*Machine Design*—The course in this subject consists chiefly in practical exercises at the drawing board, and partly in lectures on the functions of machines and the mechanical principles which are applied in determining the proportions of machinery. The student, under the guidance of an experienced instructor, is employed in making complete working-drawings of machines, many examples of which are in the drawing rooms and the basements of the School. He does not copy the examples, but is required to change the dimensions and in many cases to alter the design, and is ultimately taught to make partly new designs of important machinery, such as cranes, yacht engines, machine tools, boilers, etc. The discipline the student receives is such as he would obtain in the drawing office of an engineering establishment, while he is also carefully instructed in the theory of the subject he deals with, and in the practical bearing of all his work.

In the Senior year, several excursions are made by the class, accompanied by one or more instructors, to neighboring manufacturing and engineering centers where large manufactories, pumping works, ocean steamers, etc., are visited. Full notes must be taken, and a satisfactory written report upon the machinery examined is required.

ASTRONOMY—Students in the Select Course receive instruction in Astronomy four hours per week during the second term of Junior year.

Students of Civil Engineering during the second term of their Senior year have six recitations per week, and also practical experience in the determination of time, azimuth, latitude, longitude, etc.

ENGLISH—The course is designed to give the student acquaintance with the great representative writers of the various epochs. A history of the language is one of the studies of the Freshman year; and after that year the study of the language is made entirely subordinate to that of the literature. During the first term of Junior year, however, extracts from Early English authors are read and Early English Grammar is studied, so as to familiarize the student with the inflections then in use and the distinctions existing between the leading dialects. It is the aim of this term's work to give such knowledge of forms, and to some extent of words, that the student will be able to read at sight any Early English author whose writings do not involve special difficulties of language or vocabulary.

With the second term, the regular study of English literature proper begins with Chaucer; and for the rest of the course till the end of Senior year the following authors are read: Bacon, Shakespeare, Milton, Dryden, Pope, Gray, Goldsmith, and later writers. Those mentioned in the list are always studied, but other authors not named are also taken up, the course varying somewhat in different years. In all cases, complete works of a writer are studied, not extracts; as, for instance, several of Chaucer's *Tales*, and several of the plays of Shakespeare. The authors are taken up in chronological order, and the literary history of the time is likewise carried on in connection with the great representative writers of each period.

ENGLISH COMPOSITION—This course, required of the entire Junior class, consists of weekly exercises based on selections from the writings of well-known authors, such as Irving, DeQuincey, and Macaulay. While it intends in the first place to give freedom of expression and the correction of the most obvious faults by practice in writing rapidly the substance of a passage previously assigned, it also aims to direct the attention of the student to qualities of style and methods of composition, to arouse his appreciative interest in the works as literature, and to improve the quality of his writing by improving the quality of

his thought. To this end occasional discussions of the selections read will occupy a part of the weekly hour.

GERMAN—The aim in this department is to give such a knowledge of facts and principles as shall qualify the student as rapidly as possible to use the language for those various purposes which his special needs may require, and particularly to facilitate the use of German treatises in his later special studies. To accomplish this, the course consists of a combination of the study of systematic German grammar with a complementary and progressive course of written and oral translation from English into German, the latter being designed for the double purpose of increasing the command of grammatical principles, and through the establishment of a habit of ready and accurate expression, of laying the foundation for future colloquial use of the language. In connection with the foregoing, it is attempted to introduce the student to as many different styles and as many forms of composition as the time allows. For this purpose the reading matter is in general selected from readers and collections prepared for the use of schools in Germany, and characterized by the number and variety of their extracts, thus enabling the instructor to select pieces that illustrate one another and to avoid similar lines of reading with successive classes. Special attention is paid during a portion of the course to English affinities, to analogies in the formation of English and German abstract terms, to the commoner rhetorical resemblances and differences, to the details of arrangement in German sentences, and the development of secondary from primary significations of words.

The subjects of derivation and composition are also systematically studied, both with reference to their practical bearing on the acquisition of a vocabulary, and their scientific value in illustrating the growth of language.

In view of the shortness of the course there is no attempt to secure any considerable acquaintance with German literature. A body of representative pieces of lyric poetry, however, is made the basis of careful literary study, with special attention to poetic diction and variety of metrical form. Memorizing German poems is practiced to some extent as a class exercise, as also retranslation of dictated literal versions of simple pieces into German verse, in accordance with prescribed rhythm and sequence of rhyme.

At the beginning of the Junior year an advanced division is organized, which is thus enabled to read a much larger amount of matter and to pursue more critical methods. The attention of this division is sometimes given for a few months to extracts treating of leading events in German history, with a collateral course of German historical poetry, the selections being made so as to be mutually illustrative. Historical poems not contained in the text-books are often furnished by dictation.

During the last few weeks of the course, there is an attempt to initiate the student into the art of rapid and intelligent, though uncritical reading, dispensing largely with dictionary and grammar and aiming to form independent habits of observation and induction. For this purpose recourse is had to entertaining novels.

In general, it is the endeavor, while aiming primarily and constantly at acquiring a working knowledge of contemporary German, to combine habitually scientific and empirical methods, to enforce correct notions as to the nature of language, to secure incidentally some of the most important disciplinary results of elementary linguistic study, and to give some conception, by suggestive questions and occasional statements, of the various special directions which a more extended and advanced course would necessarily take.

FRENCH—The aim of the study in this department of modern languages is to give a fluency in reading which will enable the student to master the modern writers with comparative ease, and a speaking acquaintance as great as is possible in the time allotted. Speed is not the only end aimed at. No place is given to the superficial system which results in the student's possessing a smattering of French phrases and a few idioms, to the exclusion and sacrifice of any real grasp of the subject. It is considered that thoroughness of work, and the training of the powers of thought, as well as those of memory, are as much requisites in this branch of education as in any other. The beginning of the course is devoted to grammatical grounding and correctness of pronunciation, and the first term of each year is spent in learning and reviewing the grammar. On this basis, by means of easy conversational exercises, the student is expected and encouraged to frame sentences, deriving his vocabulary from the exercises and books he is reading in the class. A certain portion of the course is given to French composition and the construction of the sentence. Simple prose is then taken up, followed by the more advanced forms. During Freshman year opportunity is offered to those qualified by sufficient previous preparation, to pass into a division formed for higher work and more copious reading. A satisfactory stand in this section may be accepted as a substitute for the work of a following year. A similar arrangement is made for those in the Junior class, who, upon examination, may be allowed to take the course of the Senior year. During the whole course of study the subject of the history and evolution of the language is pursued. Emphasis is laid upon the etymology, the various changes of form, and a more thorough study of the syntactical theory, as the course proceeds. Special stress is thus laid on the scientific side of the language, its historical development, the relations of French and Latin, and

the laws of derivation. As far as is possible without interfering with the value of the recitations, short descriptions are given of the social conditions of past and present French life, and of the state of modern politics, constant reference being made to the intimate connection of literature and history. Lectures are given treating critically of the growth of French literature, particular attention being paid to the authors read in the class-room, the masterpieces of the classical and later periods being treated separately and comparatively. A different cycle of texts is used from year to year, so that only a general outline of the works read can be stated. As far as possible, specimens of the best prose and poetry will be included; the classical and contemporary drama; Corneille, Racine, Molière; the Romantic School, the works of the academicians,and other authors, and the lighter plays of the modern French stage, are used; and the style and spirit of the nation are made the medium for the student's better appreciation of the text and language. The last part of the course will include the topics of a particular study of idiomatic expressions, as a key to enlarged vocabulary and increased facility in handling the language, written or spoken; some connected account of the history of the later language; a general survey of French Literature (by text-book); and, as time permits, discussion of such points as the development of the drama, with particular reference to the influence of its French forms.

The later part of the course treats of the following topics:

I. The History of the Language, based on Brachet, Brunot, and Clédat, with references to Ampère, Littré, and Pellissier.

II. The Rise and Development of the Drama, with discussion of its French Form.

III. The Classical Period.

IV. A General Survey of French Literature (by text-book).

Opportunities for special work or for advanced courses in reading will be furnished, should occasion arise.

HISTORY. 1. *Junior Year*—The greater part of the work is carried on by means of recitations. Myers' *Mediæval and Modern History* and Dalgleish's *Periods of English History* are used as text-books. Both oral and written recitations are employed, and frequent lectures are given on different questions of interest and importance. Bi-weekly or monthly tests are given as the importance of the subject-matter may warrant.

In the Medieval Period special attention is given to the growth of civilization and to the development of the religious, intellectual, political, and economic forces which culminated in the Reformation and ushered in the Modern Period.

In Modern History special study is given to the political history of Europe as an introductory study to the present European situation.

Throughout the year the two text-books are used conjointly for the purpose of showing to the student the position that England has taken in the general history of Europe.

2. *Senior Year*—A short course is given in the Constitutional History of the United States. *Epochs of American History* (published by Longmans) is used as the basis for study by the class. Frequent lectures are given to develop points of constitutional importance.

The students are encouraged to pursue independent courses of reading, and references are given to works in the University Library. There is also a small historical library in the recitation-room from which the students may draw books. Constant use is made of historical maps in connection with recitations and lectures.

POLITICAL SCIENCE—The course in history serves as a preparation for the course in Political Science. The subject is treated historically and comparatively. Professor Woodrow Wilson's *The State*, which is used as a text-book, is supplemented by lectures and collateral reading. The object constantly kept in view is to lead the student through the study of other forms of government to a broad and intelligent knowledge of the Constitution of the United States.

POLITICAL ECONOMY—In the beginning of the course, an effort is made to familiarize the students with the fundamental principles of Economics, and more particularly to train them in economic reasoning. More difficult problems are then taken up and discussed, and special topics are assigned to the class for investigation. A small library, containing a number of copies of each of the principal authorities, has been provided, in order that the students may be able to familiarize themselves somewhat with the literature of the subject, without expense to themselves. The instruction is given partly by means of text-books and partly by lectures.

THE TERMS AND VACATIONS correspond with those of the College. (See Calendar, p. 6.)

EXPENSES—THE TREASURER'S BILLS are made out and delivered to the students three times a year, viz: at the beginning of each term or half-term, at which time they are payable. Drafts on Boston, New York, and Philadelphia are received at par. The annual charge for tuition for undergraduate students is $150. An additional charge of $5 for each term or half-term is made for incidentals,

including the use of libraries, public rooms, gymnasium, and reading-room. The student in the Chemical and Biological Courses has an additional charge of $15 per term, or half-term, for chemicals and the use of apparatus in the chemical laboratories. He also supplies himself at his own expense with flasks, crucibles, etc., the cost of which should not exceed $10 a term.

For graduate students the charge for tuition is one hundred dollars per year.

The fee for graduation as Bachelor of Philosophy, including the fee for Triennial Catalogues, Commencement Dinners, etc., is $10; unless the person taking the degree is also an academical graduate, when it is but $5.

## BUILDINGS AND APPARATUS

The five buildings in which the work of instruction in the Scientific School is mainly carried on are called Sheffield Hall, North Sheffield Hall, Sheffield Biological Laboratory, Winchester Hall, and Sheffield Chemical Laboratory. Instruction in Mineralogy, Geology, and Zoology is given in the Peabody Museum, and in Free Hand Drawing in the Art School. These buildings contain a large number of recitation and lecture rooms, a hall for public assemblies and lectures, chemical, physical, biological, and metallurgical laboratories, besides studies for some of the professors, where their private technical libraries are kept.

The following is a summary statement of the collections belonging to the School:

1. Laboratories and Apparatus in the several branches of Chemistry, Metallurgy, Physics, Zoology, Comparative Anatomy, General Biology, Physiology, and Bacteriology.
2. Metallurgical Museum of Ores, Furnace Products, etc.
3. Agricultural Museum of Soils, Fertilizers, useful and injurious Insects, etc.
4. Collections in Zoology and Comparative Anatomy.

5. Astronomical Observatory, with an equatorial telescope by Clark & Sons, of Cambridge, a meridian circle, etc.
6. A collection of Mechanical Apparatus and Machinery, including the "Collier Cabinet."
7. Models in Architecture, Geometrical Drawing, Civil Engineering, Topographical Engineering, and Mechanics; diagrams adapted to public lectures; instruments for field practice.
8. Maps and Charts, topographical, geological, hydrographical, etc.
9. The herbarium of Professor Brewer is deposited in Sheffield Hall, while the herbarium and botanical library of the late Professor Eaton, generously given to the University by his family, are in the botanical laboratory, the east wing of Sheffield Hall, in a fire-proof room especially constructed for their safe-keeping.

Students are also entitled to the use of the University and Society libraries, the College Reading-Room, the School of the Fine Arts, the Yale Dining Hall, and the Gymnasium.

## LIBRARIES AND READING-ROOMS

The Library of the University, containing over 200,000 volumes, is open every week-day to students for consultation and for the drawing of books and also in the evening for consultation; in a separate part of the building is the Linonian and Brothers Library, a collection of about 20,000 volumes in general literature, specially selected for the use of undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening. There is also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

The special technical library of the Scientific School consists of about five thousand volumes. Included in this is the "Hillhouse Mathematical Library" of twenty-four hundred volumes, collected during a long series of years by Dr. William Hillhouse, and in 1870 purchased and presented to the institution by Mr. Sheffield. A catalogue of this collection forms a supplement to the Annual Report

of the Governing Board of 1870. All the prominent scientific journals of this country and of Europe, together with the proceedings of foreign academies and scientific societies, can be found, either in this library or in the University Library to which students have access.

There is also a special chemical library in the new chemical laboratory, in which the principal chemical journals and periodicals, both of this country and of Europe, may be found; and a small library of History and Political Science is located in one of the class-rooms for the convenience of students pursuing these subjects.

## GYMNASIUM

THE UNIVERSITY GYMNASIUM is designed to provide all the students with opportunities for exercise, under the advice of a director, who is a regularly educated physician, and any student may enter the class of general gymnastics, under the Director's immediate care. The building contains: a complete Turkish bath, marble swimming pool, marble tubs, bowling alleys, rowing-tanks, free showers, separate rooms for boxing, fencing, wrestling, and manly sports, a locker room, and the main exercise-hall, which offers a clear floor-space of 10,000 square feet, and is from 22 to 56 feet in height. A thorough physical examination and measurement of each student is made yearly by the director, and a record of these results is kept as a basis of advice as to exercise and regimen; an examination of this record shows that the standard of health of the average student improves during his course.

## DINING HALL

THE YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The hall contains seats for 450, and is open to students of the Academical and Scientific Departments.

## CHURCH SITTINGS

Free sittings for students in this department of Yale University are provided as follows: in the Center Church and United Church (Congregational); in Trinity Church (Episcopal); and in the First Methodist Church.

Those who prefer to pay for a sitting for one year, more or less, in the churches above mentioned, or in any other church of any denomination, will be aided on application to the Secretary of the School.

Sittings in the gallery of the College Chapel are free as heretofore to the students of this Department.

## DEGREES

Students of this Department, on the recommendation of the Governing Board, are admitted by the Corporation of the University to the following degrees:

1. BACHELOR OF PHILOSOPHY: This degree is conferred on those who complete any of the three-year courses of study, passing all the examinations in a satisfactory manner. All candidates for honors must present, on or before June 1st, a meritorious thesis on some subject approved by their class-officer.

2. CIVIL ENGINEER AND MECHANICAL ENGINEER: The requirements for these degrees are stated on pages 140–41.

3. DOCTOR OF PHILOSOPHY: The requirements for this degree are stated on pages 138–39.

The degrees are publicly conferred by the President and Fellows of the University on Commencement Day.

THE HOLMES SCHOLARSHIP, founded by Samuel Holmes, Esq., amounts to fifty dollars per year. The recipient must be a citizen of Middlebury, Prospect, Waterbury, or Wolcott, Connecticut; the appointments are made by the Board of Agents of the Bronson Library in Waterbury.

# GRADUATE SCHOOL

## FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*
EDWARD J. PHELPS, LL.D., *Professor of Law*
GEORGE J. BRUSH, LL.D., *Professor of Mineralogy*
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*
JOHN E. CLARK, M.A., *Professor of Mathematics*
ARTHUR M. WHEELER, LL.D., *Professor of History*
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*
CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*
THOMAS R. LOUNSBURY, LL.D., L.H.D., *Professor of English*
OTHNIEL C. MARSH, PH.D., LL.D., *Professor of Palaeontology*
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*
JOHN H. NIEMEYER, M.A., *Professor of Drawing*
TRACY PECK, M.A., *Professor of Latin*
ADDISON E. VERRILL, M.A., *Professor of Zoology*
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*
CHARLES H. SMITH, LL.D., *Professor of American History*
JULES LUQUIENS, PH.D., *Professor of Modern Languages*
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*
WILLIAM G. MIXTER, M.A., *Professor of Chemistry*
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin*
HENRY S. WILLIAMS, PH.D., *Professor of Geology*
HENRY A. BEERS, M.A., *Professor of English Literature*
A. JAY DUBOIS, PH.D., *Professor of Civil Engineering*
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*
EDWARD S. DANA, PH.D., *Professor of Physics*
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*
CHARLES S. HASTINGS, PH.D., *Professor of Physics*
FRANK A. GOOCH, PH.D., *Professor of Chemistry*

ALBERT S. COOK, PH.D., L.H.D., *Professor of English*
ANDREW W. PHILLIPS, PH.D., *Dean, and Professor of Mathematics*
GEORGE B. ADAMS, PH.D., *Professor of History*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*
HENRY W. FARNAM, R.P.D., *Professor of Political Economy*
EDWARD P. MORRIS, M.A., *Professor of Latin*
HENRY R. LANG, PH.D., *Professor of the Romance Languages*
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*
SAMUEL L. PENFIELD, M.A., *Professor of Mineralogy*
HORACE L. WELLS, M.A., *Professor of Analytical Chemistry and Metallurgy*
THOMAS D. GOODELL, PH.D., *Professor of Greek*
EDWARD W. HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*
ARTHUR H. PALMER, M.A., *Professor of German*
HORATIO M. REYNOLDS, M.A., *Professor of Greek*
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
EDWARD G. BOURNE, PH. D., *Professor of History*
HORATIO W. PARKER, M.A., *Professor of Music*

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OTHER INSTRUCTORS

REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History*
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*
WILLIAM BEEBE, B.A., *Assistant Professor of Mathematics and Astronomy*
REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of Hebrew*
GEORGE L. FOX, M.A., *Lecturer on Municipal Administration*
REV. WILLIAM F. BLACKMAN, PH.D., *Professor of Christian Ethics*
CHARLES E. BEECHER, PH.D., *Assistant Professor of Palaeontology*
SAMUEL E. BARNEY, C.E., *Assistant Professor of Civil Engineering*
FREDERICK WELLS WILLIAMS, B.A., *Instructor in History*
WILLIAM J. COMSTOCK, PH.B., *Instructor in Organic Chemistry*
JAY W. SEAVER, M.D., *Associate Director of the Gymnasium*
REV. BENJAMIN W. BACON, LITT.D., D.D., *Instructor in New-Testament Greek*
REV. FRANK C. PORTER, PH.D., *Professor of Biblical Theology*

E. HERSHEY SNEATH, PH.D., *Assistant Professor of Philosophy*
ROBERT L. TAYLOR, B.A., *Instructor in French*
LOUIS V. PIRSSON, PH.B., *Assistant Professor of Inorganic Geology*
WILLIAM G. ANDERSON, M.D., *Associate Director of the Gymnasium*
GUSTAV GRUENER, PH.D., *Assistant Professor of German*
JAMES J. ROBINSON, PH.D., *Instructor in Latin*
EDWARD W. SCRIPTURE, PH.D., *Instructor in Experimental Psychology*
WARREN A. ADAMS, PH.D., *Instructor in German*
JOHN C. SCHWAB, PH.D., *Assistant Professor of Political Science*
A. GUYOT CAMERON, PH.D., *Assistant Professor of French*
REV. ARTHUR FAIRBANKS, PH.D., *Instructor in Comparative Religion*
CARLETON L. BROWNSON, B.A., *Instructor in Greek*
ROBERT N. CORWIN, PH.D., *Instructor in German*
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*
EDWARD G. BUCKLAND, M.A., LL.B., *Assistant Professor of Evidence*
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*
JAMES P. PIERPONT, PH.D., *Assistant Professor of Mathematics*
IRVING FISHER, PH.D., *Assistant Professor of Political Economy*
PERCY F. SMITH, PH.D., *Assistant Professor of Mathematics*
HENRY DAVIES, B.D., *Lecturer on the History of Philosophy*
EDWARD F. BUCHNER, PH.D., *Instructor in Pedagogy and Philosophy*
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*
ALEXANDER W. EVANS, M.D., *Instructor in Botany and Bacteriology*
HENRY L. WHEELER, PH.D., *Laboratory Assistant in Organic Chemistry*
HERBERT A. SMITH, B.A., *Instructor in English*
PHILIP E. BROWNING, Ph.D., *Instructor in Chemistry*
JOSEPH BOWDEN, JR., B.A., *Tutor in Mathematics*
LAFAYETTE B. MENDEL, PH.D., *Instructor in Physiological Chemistry*
JAMES W. D. INGERSOLL, PH.D., *Tutor in Latin*
WESLEY R. COE, PH.D., *Instructor in Biology*
BERTRAM B. BOLTWOOD, PH.B., *Instructor in Analytical Chemistry*
JOSEPH H. PRATT, PH.D., *Laboratory Assistant in Mineralogy*
WENDELL M. STRONG, M.A., *Tutor in Mathematics*
HARRY W. DUNNING, B.A., *Assistant in Semitic Languages*
GERVASE GREEN, B.A., *Lecturer on Philosophy*

# ADMINISTRATIVE COMMITTEE

WITH CONSULTATION HOURS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT,
Room 7, Treasury Building, daily, 10.30 A. M. to 12 M.

ANDREW W. PHILLIPS, PH.D., DEAN, *and Professor of Mathematics*,
90 High street, daily, except Saturday, 2.30 to 4 P. M.

GEORGE J. BRUSH, LL.D., *Director of the Sheffield Scientific School*,
3 Sheffield Hall, daily, 10 A. M. to 12 M.

ARTHUR M. WHEELER, LL.D., *Professor of History*,
$C_2$ Osborn Hall, Monday and Friday, 10.30 A. M. to 12.30 P. M.

CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*,
112 Winchester Hall, 9 A. M. to 12 M., Wednesday and Saturday.

REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*,
$B_1$ Osborn Hall, Tuesday and Wednesday, 9.35 to 10.20 A. M.

THOMAS D. SEYMOUR, LL.D., *Professor of Greek*,
22 Phelps Hall, daily, 11 A. M. to 12 M.

ALBERT S. COOK, PH.D., L.H.D., *Professor of English*,
135 Elm street, Wednesday and Friday, 10.30 to 11.30 A. M.

HENRY W. FARNAM, R.P.D., *Professor of Political Economy*,
43 Hillhouse av., daily, 2 to 3 P. M.

RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*
64 Sheffield Biological Laboratory, Monday, Tuesday, Wednesday, and Thursday, 9 A. M. to 12 M.

ARTHUR T. HADLEY, M.A., *Professor of Political Economy*,
$E_2$ Osborn Hall, Saturday, 10.30 A. M. to 1 P. M.

FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*
77 Mansfield st., daily, 2 to 3 P. M.

# GENERAL STATEMENT

## ORGANIZATION

The Graduate School of Yale University forms a section of the Department of Philosophy and the Arts, which was first formally organized in 1847 for scientific and graduate instruction, but now includes Yale College, the Sheffield Scientific School, the Art School, and the Department of Music.

The degrees of Doctor of Philosophy and Civil Engineer were first offered in 1860, the degree of Dynamical or Mechanical Engineer in 1873, and that of Master of Arts (previously given without evidence of study) in 1874.

The professors in the several sections of the Department of Philosophy and the Arts together constitute the Faculty of the Graduate School. The general oversight of graduate instruction and graduate students is entrusted to the Dean and the Administrative Committee, who may be called upon for information and advice. Students are expected to report to the Dean soon after reaching New Haven.

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## ADMISSION AND REGISTRATION

Graduates of this and other Colleges and Universities, and (in exceptional cases, by special permission) other persons of liberal education, who are at least eighteen years old, are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

All graduate students who are not regularly enrolled in any other department of the University, are required to register their names at the office of the Dean at the beginning of each year of study.

The degree of Doctor of Philosophy with the courses of the Graduate School leading thereto is open to candidates without distinction of sex.

## INSTRUCTION

Courses of study are offered in the following departments:

PSYCHOLOGY, ETHICS, AND PHILOSOPHY.
POLITICAL AND SOCIAL SCIENCE, AND HISTORY.
ORIENTAL LANGUAGES AND BIBLICAL LITERATURE.
CLASSICAL PHILOLOGY.
MODERN LANGUAGES AND LITERATURES.
NATURAL AND PHYSICAL SCIENCE.
PURE AND APPLIED MATHEMATICS.
THE FINE ARTS.
MUSIC.
PHYSICAL CULTURE.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by work in the laboratories and with instruments.

The attention of teachers who desire to fit themselves more thoroughly for a higher grade of professional work is called to the advantages offered by this department for pedagogical instruction and discipline. In addition to the special and advanced study of the subjects in which the graduate student desires instruction, and the pursuit of courses in psychology, ethics, philosophy, and of other courses cognate with pedagogy, opportunity is afforded to observe the actual practice in the class-room, as well as the organization of the different departments of the University and their methods of work.

## CLUBS

In various voluntary associations, instructors and students meet together periodically for the reading of papers, oral discussions, etc.; such are:

THE CLASSICAL CLUB.
THE MATHEMATICAL CLUB.
THE POLITICAL SCIENCE CLUB.

THE PHILOSOPHICAL CLUB.
THE SEMITIC CLUB.
THE BIBLICAL CLUB.
THE COMPARATIVE RELIGION CLUB.
THE MODERN LANGUAGE CLUB.
THE ENGLISH CLUB.
THE PHYSICS JOURNAL CLUB.
THE ENGINEERS' CLUB.

## FEES AND EXPENSES

The fee for instruction is generally one hundred dollars; but it may be more, or less, according to the courses pursued and the amount of instruction received.

A special fee of five dollars is charged to those who use the gymnasium, and of two dollars to those admitted to the use of the College Reading Room.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

A list of suitable rooms is kept at the Dean's office.

## LIBRARIES AND READING-ROOMS

Students have the free use of all the Libraries of the University. The whole number of volumes in the several libraries of the University is over 245,000.

THE UNIVERSITY LIBRARY contains about 200,000 volumes, and many thousands of unbound pamphlets. Its READING-ROOM contains the books most important for daily consultation and reference, together with scholarly periodicals. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number,—the foreign serials alone being not less than five hundred.

THE LINONIAN AND BROTHERS LIBRARY contains about 20,000 volumes of the best current literature.

THE COLLEGE READING-ROOM receives fifty-five daily newspapers, American and foreign, nearly sixty weeklies, and about eighty other periodicals—in addition to the periodicals received at the University Library. Graduate Students are admitted to the College Reading-Room on payment of an annual fee of two dollars.

THE SHEFFIELD SCIENTIFIC SCHOOL LIBRARY contains 6,000 volumes, largely mathematical.

THE ART SCHOOL LIBRARY contains about 500 volumes of expensive illustrated works.

THE LOWELL MASON LIBRARY contains 4,000 volumes of music.

The Peabody Museum, the Observatory, and the several Laboratories have valuable technical libraries.

Several of the departments of study (the Classical, English, Political Science, and Historical) have special libraries of standard works for the use of advanced students.

Dwight Hall, the headquarters of the Young Men's Christian Association, is provided with a good library and a pleasant reading-room, besides the halls used for religious meetings.

A parlor and study-room at 135 Elm street is fitted up for the special use of the women studying in the graduate department.

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## LABORATORIES, MUSEUMS, AND COLLECTIONS

The Peabody Museum of Natural History.

The Physical, the Chemical, the Biological, and the Engineering Laboratories of the Sheffield Scientific School.

The Sloane Physical, the Kent Chemical, and the Psychological Laboratories of Yale College.

The collections of the School of Fine Arts.

The collection of coins in the University Library, and various collections of models, casts, and photographs used in the teaching of mathematics and in other departments of instruction.

## LECTURES AND CONCERTS

The following courses of public lectures and concerts are open to the students of the University:

THE MECHANICS' COURSE.
THE ART COURSE.
THE THEOLOGICAL SCHOOL LECTURE COURSES.
THE DWIGHT HALL COURSE.
THE PHI BETA KAPPA COURSE.
THE KENT CLUB COURSE.
THE UNIVERSITY CHAMBER CONCERTS.
THE SYMPHONY ORCHESTRA CONCERTS.

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## DEGREES

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those students who can show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work will be required, but in certain exceptional cases work of equal grade at another University may take the place of a year's residence here. The thesis must be deposited at the Library for public inspection, not later than June 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for graduation is ten dollars.

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THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of Yale College or of other colleges, of two years' standing or upwards, who have given to the College Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree. Such evi-

dence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the College Faculty, followed by an examination. Graduates of other colleges can obtain the degree only by residence as thus described.

Such Bachelors of Arts *of Yale College* as may not choose to reside at the College for the prosecution of study may show at any time, not less than three years after graduation, by their printed essays, or by submitting to special examinations, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree.

A committee of the Faculty is appointed (consisting for the present year of Professors Wheeler and Phillips), to whom candidates for this degree must submit their proposed courses of study for approval by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by June 1.

In the case of resident students, the charge for instruction will usually be one hundred dollars, with a fee of ten dollars for the degree. In the case of non-residents, the fee for examinations and the degree will usually be twenty-five dollars.

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THE DEGREES OF CIVIL ENGINEER AND MECHANICAL ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course under the direction of the Governing Board of the Sheffield Scientific School, for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions and to make the requisite drawings and calculations. The fee for graduation is five dollars.

## FELLOWSHIPS AND SCHOLARSHIPS

FIVE FELLOWSHIPS yielding four hundred dollars each, and twenty Scholarships yielding one hundred dollars each, have been created by the Corporation out of the income of University funds. These fellowships and scholarships are open to graduates of all colleges; but in the case of the fellowships, preference is given to those who have already spent at least one year in graduate study, and have shown capacity for original work. Candidates for these appointments should send their applications, accompanied by letters of recommendation and other evidences of the excellence of their work already accomplished, to the Dean, Professor Andrew W. Phillips, not later than May 1.

The Yale Alumni Association of California offers a Scholarship of three hundred dollars to a graduate of one of the California Universities pursuing studies at Yale in the Graduate School. The incumbent is selected by the Association.

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## COURSES OF INSTRUCTION

Courses marked with an asterisk (*) are undergraduate courses, but are open to graduate students, provided that they have the consent of the instructor and the approval of the Faculty.

The number of hours stated means, in every case, hours of exercises, lectures, or recitations, each week.

The hours named for the exercise are subject to change.

# COURSES OF INSTRUCTION

## I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY

Professor LADD :—

1 *Kant Seminary.* 2 hrs. both terms.

A thorough study of the *Critique of Pure Reason* and, if time permits, a less thorough study of the *Critique of Practical Reason.* After an expository and critical lecture, a paper upon a topic given out some time in advance is read, to be followed by discussion on the part of both teacher and class.

The effort is constantly made to understand Kant's system of thinking in the light of the history of opinion since his time, and especially of opinion upon the same subjects in the present day.

[Mondays, 7.15 to 9 P. M.]

2 *Modern Pantheism and Pessimism.* 2 hrs. both terms.

Schopenhauer's *World as Will and Idea* is read with constant comparison with the views of ancient and modern pessimists, especially with Hartmann. Most of the work is research, the results being presented in elaborate papers for discussion before the class.

[Wednesdays, 3.15 to 5 P. M.]

*3 *Ethics.* 2 hrs. both terms.

[See Course 6, page 58.]

Professor BLACKMAN :—

4 *Christian Ethics.* 2 hrs. both terms.

A study of the ethical teachings of the New Testament, and of Christian Theology, compared with those of Greek Philosophy. The course consists of lectures by the instructor, and of readings from Weiss's *Einleitung in die Christliche Ethik*, Jodl's *Geschichte der Ethik*, Paulsen's *System der Ethik*, and the works of Rothe, Dorner, Martensen, Pfleiderer, Martineau, Janet, and other authors.

Professor DUNCAN :—

5 *Advanced Psychology.* 2 hrs. both terms.

This is a course in *General Psychology*, in which a detailed study is undertaken of the phenomena of mental life from the scientific point of view. James's *Principles of Psychology* is

read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, Sully's *Human Mind*, and the works of other leading modern authors; and the reading is accompanied by papers, discussions, and lectures.

[Wednesdays and Saturdays, 9.30 A. M.]

6 *Discussions in Philosophy.* 1 hr. both terms.

This is a course in *philosophical criticism*, and is intended to develop and train the critical spirit; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer, and others are read and freely discussed.

[Wednesdays, 10.30 A. M.]

*7 *History of Modern Philosophy.* 2 hrs. both terms.

[See Course 3, page 57.]

8 *The Philosophy of Hegel.* 1 hr. both terms.

The somewhat thorough study of Hegel's system of philosophical thinking is undertaken. The system is approached in the order of the topics treated in the *Propaedeutik*. That work and the smaller *Logic* are read and discussed, and as much of the Phenomenology of Mind, History of Philosophy, Philosophy of History, etc., as time permits.

[Omitted in 1896–97.]

Assistant Professor SNEATH :—

9 *Philosophy and Literature.* 1 hr. both terms.

This course considers the nature and problems of philosophy as presented in the writings of distinguished men of letters. The philosophical views of the following authors are considered: *(English)* Wordsworth, Coleridge, Carlyle, Tennyson, and Browning; *(French)* Pascal, Voltaire, Diderot, The Encyclopædists, and Rousseau; *(German)* Lessing, Herder, Goethe, and Schiller. The aim of the course is to show what philosophy can do for the student of letters, and how the profounder aspects of thought may be presented in the attractive form of literature.

[Tuesdays, 9.30 A. M.]

*10 *History of Modern Philosophy, mainly British.* 2 hrs. both terms.

[See Course 4, page 57.]

*11 *Philosophical Anthropology.* 2 hrs. both terms.
[See Course 5, page 57.]

Dr. SCRIPTURE :—

*12 *Physiological and Experimental Psychology.* 2 hrs. both terms.
[See Course 9, page 58.]

*13 *Laboratory Course in Psychology.* 2 hrs. both terms.
Practical work in the laboratory.
[See Course 10, page 59.]

14 *Psychology; advanced course.* 2 hrs. both terms.
General principles of experiment and measurement; statistics, means, characteristic variations; measurements of mental phenomena; principles of laboratory instruction and economy; practical training in psychological measurements and statistics with instruction in their adjustment; construction and care of apparatus, use of tools, lathe-work, vise-work, etc. No previous acquaintance with psychology is required.
[Wednesdays, 2 to 4 P. M.]

*15 *Educational Psychology.* 1 hr. both terms.
[See Course 11, page 59.]

16 *Research-Work in Psychology.* 4 hrs. both terms.
Participants in this course are either investigators or assistants. For assistants the object is such a training in accurate introspection, observation, experimenting, and the art of research as is desirable for the general psychologist. This work is open to all. Only those who have had sufficient experience are permitted to undertake independent investigations. The results of all investigations belong to the archives of the laboratory. Those who undertake investigations thereby agree to prepare the results for publication, subject to approval, in the *Studies from the Yale Psychological Laboratory.*

Dr. FAIRBANKS :—

17 *History of Religion.* 2 hrs. both terms.
In this introductory course the different forms of religion among the Indo-Germanic races are made the basis of the work. After a rapid survey of the sources of knowledge, the beliefs and rites of each religion are carefully studied, and the historic relation between them examined. The constant aim is to trace some of the laws which govern the development of religion, and the factors which tend to aid or hinder its development.

Menzies's *History of Religion* is read and discussed; selections from the original documents are studied in translation; and the more important archaeological remains are presented in illustrated lectures.

[Mondays and Thursdays, 9.30 A. M.]

18 *Comparative Religion (advanced course).* 1 hr. both terms.

A study of the different forms of sacrifice in their origin, development, and meaning. The object of the course is to bring out the different conceptions of man's relation to God which have been held by different races and different ages.

19 *The Beginnings of Religion.* 2 hrs. 1st term.

Two or three types of religion among uncivilized tribes are studied to show the forms which religion may assume in the lowest stages of civilization; this is followed by a discussion of the relation between savage religion and primitive religion, and by a criticism of the different theories as to the origin of religion.

[Omitted 1896–97.]

20 *Semitic Religion.* 2 hrs. 2d term.

Lectures and readings on the religions of the Semitic peoples, with special reference to the religion of Israel.

[Omitted 1896–97.]

Dr. BUCHNER:—

21 *History of the Kantian Philosophy.* 2 hrs. both terms.

This course of lectures, in connection with course 1, is designed to give supplementary external and historical data to aid in the exposition and criticism of the Kantian philosophy. Such topics as the psychological and historical conditions under which the critical philosophy arose, the developments within the system, its relation to succeeding philosophical systems and its influence upon the activity of the nineteenth century, the history of the criticism and interpretation of the various texts, the Kantian bibliography, etc., will be taken up successively.

[Wednesdays, 10.30 A. M. to 12 M.]

22 *Pedagogical Seminary.* 2 hrs. both terms.

A special study of the more important problems in educational movements is undertaken. The lectures consider genetic psychology, educational theory, and the curriculum, with readings and discussions based on Sully's *Studies of Childhood*,

Tracy's *Psychology of Childhood*, Parker's *Talks on Pedagogics*, and the recent reports of the American committees on courses of study.

As a part of this study, the education of woman may be taken up in six or more public lectures at some convenient time during the year.

[Fridays, 10.30 A. M. to 12 M.]

23 *History of Education.* 2 hrs. both terms.

By lectures and the reading of the more important classics, the course of educational thought and activity is traced from antiquity to the present time, special emphasis being placed on modern education. While offering the larger advantages of a culture course, it is so conducted that suggestions for practical guidance are derived by those who expect to enter upon educational duties. Compayré's *History of Pedagogy* and Williams's *History of Modern Education* furnish a general outline of the year's study.

[Tuesdays and Thursdays, 3 P. M.]

Mr. GREEN :—

24 *Philosophy of Evolution.*

This course traces historically the Evolution Idea. Then follows a consideration of its more modern forms as held by Darwin, Spencer and others, with a view to criticise the metaphysical assumptions and elements of their theories, especially as applied to some other than the strictly biological field of research. Continual reference is made to Spencer's *First Principles*, *Psychology*, and other works.

Mr. DAVIES :—

25 *Philosophy of the Early Church Fathers.*

This course of lectures comprises a detailed view of the course of Christian thought during the first three centuries. The object is to trace the philosophical influences which helped to modify Christianity during this period; to show how Christianity triumphed over heathen philosophy, and the beginnings of a Christian philosophy were made; and to estimate critically the value of these early results for modern thought.

## II. POLITICAL AND SOCIAL SCIENCE, AND HISTORY

### A. POLITICAL AND SOCIAL SCIENCE

Professor SUMNER :—

1 *Politics and Finance in the History of the United States.* 2 hrs. both terms.

In 1896–97 this course consists of a critical examination of the current commonplaces of American history, and of the popular methods of treating it. Problems of colonization and the colonial relation; doctrines of commerce in the leading nations, 1774 to 1790; the federal government as inheritor of the difficulties of the mother country; philosophy of the American democratic-republic; inter-action of slavery, tariff, and currency; contributions of the United States to state-craft; the American banking system; land, immigration and labor, etc. Those who take this course are supposed to be well acquainted with the civil history of the United States.

[Mondays and Thursdays, 10.30 to 11.20 A. M.]

2 *Anthropology.* 1 hr. both terms.

A careful study of Ranke's *Der Mensch* (2d ed.), with an examination of the separate topics by means of all the appropriate material.

[Wednesdays, 9.30 to 10.20 A. M.]

3 *Systematic Societology.* 1 hr. both terms.

A continuance and extension of the course under 6 below. Spencer's *Principles of Sociology.*

[Wednesdays, 10.30 to 11.20 A. M.]

4 *The Industrial Revolution of the Renaissance Period.* 2 hrs. both terms.

A chapter in the history of the development of the industrial organization. The industrial element in the renaissance. The transition from medieval to modern society in its causes, new elements, effects on classes, effects on economic doctrine. Changes imposed on the industrial organization; world commerce, land tenure, handicrafts, banking and money.

[Not given in 1896–97.]

5 *The Beginnings of the Industrial Organization.* 2 hrs. both terms.

An ethnological study of the industrial organization from its earliest beginnings. Division of labor between the sexes and the special functions of each; regulation of industry; slavery; formation of capital; discoveries and inventions; domestication of animals and plants; money, etc.

[Not given in 1896–97.]

*6 *The Science of Society.* 2 hrs. both terms.

[See Course 30, page 64.]

*6a *The Science of Society.* 2 hrs. both terms.

[See Course 31, page 64.]

Professor FARNAM :—

7 *The Economics of Poor Relief.* 1 hr. both terms.

[Not given in 1896–97.]

8 *The Modern Organization of Labor.* 3 hrs. 1st term.

These lectures treat of the historical antecedents and the development during the nineteenth century of associations of wage-receivers. They therefore include an account of the structures, aims, and methods of such societies in different countries, together with a discussion of their relations to socialism, the factory system, labor disputes, labor legislation, workingmen's insurance, provision for the unemployed, and other features of the modern industrial world.

[Not given in 1896–97.]

9 *The Principles of Public Finance.* 2 hrs. 2d term.

A systematic survey of the means by which the expenditures of government are met, regard being had both to the economic principles involved and to the fiscal systems of modern states. Leading topics are: the budget, taxation (national and local), public debts, and state banks considered as aids to public credit.

[Not given in 1896–97.]

Professor HADLEY :—

10 *Economic Problems of Corporations.* 1 hr. both terms.

This course deals with the growth of combinations, trusts, and monopolies; the difficulties connected with private and with public management of such monopolies; the control of services rendered and prices charged; with especial reference, under the latter head, to the subject of railroad regulation.

[Thursdays, 12 M.]

11 *The Relation between Economics and Ethics.*
1 hr. both terms.

An historical study of the development of moral and legal standards in their relations to one another, followed by criticisms of various schemes of social policy and legislation. No one is admitted to this class who is not well grounded in the general principles of economics. The members of this class are expected to prepare critical papers as an essential part of the work of the class.

The topics treated in 1896–97 are: sales, speculation, profits, interest, rent, currency, credit, monopolies, and commercial crises. In 1897–98 it is intended to treat the topics of wages, factory acts, foreign competition and its effects on labor, the eight-hour movement, strikes, arbitration, coöperation, government management of industry, schemes for the abolition or mitigation of poverty.

[Thursdays, 9.30 A. M.]

*12 *The Science of Politics.* 2 hrs. both terms.
[See Course 33, page 65.]

Professors HADLEY and FISHER :—

*13 *Economics (General course).* 3 hrs. both terms.
[See Course 21, page 61.]

Professor BLACKMAN :—

14 *Social Science.* 2 hrs. both terms.

An introduction to the study and literature of Sociology, followed by a discussion of some important social problems, such as: socialism, communism, individualism, and anarchism, races in the United States, immigration, the city, the wage system, the defective and dependent classes, the causes, prevention, and punishment of crime, and illiteracy.

15 *An Historical Study of Marriage and the Family.*
1 hr. both terms.

Assistant Professor SCHWAB :—

16 *Finance.* 2 hrs. both terms.

An advanced course of lectures upon applied economics. The course covers the principles of money and credit, with

illustrations from the monetary, banking, and financial history of the world, and of the United States in particular; it covers less minutely the subject of public finance, namely, the systems of government revenue and expenditure (see course 19 on United States Public Finance).

A third hour per week is devoted to a quiz-exercise, and is primarily intended for undergraduates, though graduates are admitted if they desire the additional instruction.

Books used: Jevons's *Money and the Mechanism of Exchange*, Dunbar's *On Banking*, White's *Money and Banking*, Sumner's *Problems in Political Economy*, and Adams's *Public Debts*, or Plehn's *Public Finance*.

[Mondays and Thursdays, 11.30 A. M.]

17 *United States Industrial History.* 2 hrs. both terms.

An advanced course of lectures upon the history of the tariff legislation and the industrial development of the United States, on the modern industrial organization, on corporations, the principles of international trade, and on the principles involved in investment securities.

As in course 16, a third hour per week is devoted to a quiz exercise, which, though primarily intended for undergraduates, is open to graduates if they desire the additional instruction.

Books used: Taussig's *Tariff History of the United States*, 1892, Bastable's *Commerce of Nations*, Sumner's *Investment Securities*, Hadley's *Railroad Transportation*.

[Tuesdays and Fridays, 11.30 A. M.]

18 *United States Financial History.* 1 hr. both terms.

A course intended to give practice in carrying on original investigation. During the first term some recent book on money, banking, or some kindred subject, like *Coin's Financial School* or Brough's *Natural Law of Money*, is read and informally discussed. During the second term, current questions are discussed, each member of the class selecting some field for observation, like current legislation or the markets, and offering a report at stated intervals.

[Wednesdays, 12.30 P. M.]

19 *United States Public Finance.* 1 hr. 1st term.

A short course of lectures, applying the principles of public finance to the finances of the United States, federal, State and local. Leading topics are: the sphere of expenditure and revenue of the different political units of the United States; their fiscal policy; an historical and critical study of their forms

of revenue; the American system of State and local taxation in theory and in practice; State and local debt-financiering.

[Tuesdays, 10.30 A. M.]

20 *The Finances of the Confederate States*, 1861–1865.

1 hr. 2d term.

A course of lectures on selected chapters from the financial history of the Confederate States. Leading topics will be: the tax versus the loan policy in the North and South during the Civil War; the inflation movement; constitutional questions involved in the war; the States-Rights and the Union sentiments in the South; the banks and the industries. These topics are treated necessarily from the standpoint of economic rather than political history. If desired, an opportunity is given for individual research.

[Tuesdays, 10.30 A. M.]

Assistant Professor IRVING FISHER :—

21 *Theory of Economics* (*advanced course*).

2 hrs. both terms.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 13 or its equivalent. Mathematical methods are employed where needful. As preparatory to the use of these methods, the course begins with lectures on elementary calculus. These are followed by the analyses of: I, value and prices; II, general price levels; III, effects of "appreciation" and "depreciation" with statistical discussion; IV, bimetallism and other currency schemes with especial reference to the experience of France, Austria, and India; V, international trade; VI, capital and interest; VII, distribution.

Marshall's *Principles of Economics* is used as a basis. Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

[Mondays and Thursdays, 12.30 P. M.]

22 *Statistics.* 2 hrs. both terms.

An elementary course in the use and abuse of statistics. The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out.

Mayo-Smith's *Statistics and Sociology* will be used as a basis.

[Wednesdays and Saturdays, 8.30 A. M.]

Professor E. J. PHELPS :—

*23 *Law.* 2 hrs. 2d term.

American constitutional law. International law. The instruction is by lectures based upon text-books to be read in connection. This course is not intended merely for those who are contemplating the study of the law as a profession, but for all who may be interested in the subject as a branch of general education.

[Fridays and Saturdays, 12.30 P. M.]

Assistant Professor BUCKLAND :—

*24 *Jurisprudence.* 2 hrs. 1st term.

[See Course 35, page 65.]

[Fridays and Saturdays, 12.30 P. M.]

Mr. FOX :—

25 *Comparative Municipal Government.* 1 hr. both terms.

The subject is treated from a practical rather than an historical point of view, and has a close relation to the future work of the student as a citizen. Some of the subjects considered are the sphere and functions of city government, existing and proposed; organization and methods of administration; relation to the higher legislature; attitude toward natural monopolies; sources of revenue and methods of expenditure. The leading types of American city government are described, together with a survey of European cities. Original reports upon city charters are required, and occasional debates are held on questions of municipal policy.

[Tuesdays at 4 P. M.]

B. HISTORY

Professor BREWER :—

26 *Physical Geography in its relation to History.*

1 hr. 1st half of 2d term.

A course of about ten lectures discussing the following topics: the relations of man to the region he inhabits; physical geography as related to the development of civilization; natural aids to the defence and protection of communities; natural facilities for commerce; the effect of these several factors on the history of nations; and the modification of these natural conditions by modern science and invention.

[Thursdays, 10.30 A. M.]

Professor WHEELER :—

27 *History of Treaties 1763–1815.* 1 hr. both terms.
[Wednesdays, 11.30 A. M.]

28 *History of Institutions.* 2 hrs. both terms.
[Omitted in 1896–97.]

*29 *History of Europe since 1789.* 2 hrs. both terms.
Mainly political; introductory to European politics of our day.
[Mondays and Thursdays, 12.30 A. M.]

30 *Investigation of special topics in European History from 1789 to 1815.* 1 hr. both terms.
A general knowledge of the period, and ability to read French or German easily, are required.
[Wednesdays, 11.30 A. M.]

Professor C. H. SMITH :—

31 *American History (Colonial).* 2 hrs. both terms.
Exploration and early settlement of North America, and colonial history to the close of the Revolutionary War. Selected topics are assigned for individual study and class discussion.
[Mondays and Tuesdays, 9.30 to 10.30 A. M.]

32 *American History (National).* 2 hrs. both terms.
Political and constitutional history of the United States. The full course occupies two years, but the part given in either year may be taken for that year only.
[Thursdays and Fridays, 9.30 to 10.30 A. M.]

Professor ADAMS :—

*33 *Medieval History.* 2 hrs. both terms.
[See Course 40, page 66.]

34 *Medieval Institutions.* 2 hrs. both terms.
This course extends through two years, and considers the most important European institutions between the fall of Rome and the sixteenth century. The student is made acquainted with the literature of the subjects treated and with the collections of original material. He is expected to

investigate selected topics in the sources and to report to the class upon them, and especial attention is paid to the principles of criticism and to methods of research.

The second year's course (*b*) is given in 1896–97.

*a*. The first year's course will cover early German institutions; their modification under Roman influence; the development of the papal power and its special institutions; the institutions of Charlemagne's empire; the origin and the final forms of feudalism; and the beginnings of national governments. [Course *a* is not given in 1896–97.]

*b*. In the second year's course especial attention is given to the growth of English institutions after the Norman conquest, the introduction of feudalism, the administrative system, the courts and the jury, taxation, parliament, and the limited monarchy. These are studied in comparison with the corresponding institutions of the continental states, and the similarities and differences will be noticed. Important continental institutions imperfectly or not at all represented in England also are studied.

Professors ADAMS and BOURNE :—

35 *Methods of Historical Research and Criticism.*

1 hr. both terms.

The first half of this course, under Professor Bourne, consists of lectures and discussions on the principles of historical criticism, for which Bernheim's *Lehrbuch der historischen Methode* will serve as an outline. The second half, under Professor Adams, consists of practical exercises in the study of selected historical documents, so arranged as to furnish examples of all the important points of method. The weekly exercises in this course may occupy two hours.

Students who take this course are advised to attend the early lectures of Professor Lang's course in Low Latin, course IV. 43.

[Mondays, 3 P. M.]

Professor BOURNE :—

36 *English History from the accession of the Tudors. Constitutional and political.* 2 hrs. both terms.

Especial attention is given to the Constitutional history of the Puritan Revolution. This course is designed for those who have a good knowledge of the general history.

The work consists in large part of a systematic study of the documents contained in Prothero's *Statutes and Documents*,

1559–1625, and Gardiner's *Constitutional Documents of the Puritan Revolution*, 1628–1660. The constitutional history of the earlier Tudors and of the period following the Restoration is covered in lectures and assigned readings. From time to time the students present reports on selected topics.

[This course is given every other year. It is omitted in 1896–97.]

37 *The Renaissance.* 2 hrs. 1st term.

This course is devoted to the study of the political and intellectual life of Italy from 1250 to 1520. The revival of classical learning and ideals receives special attention. To students who desire to avail themselves of this course as an introduction to the history of modern literature or of classical philology work is assigned in these phases of the subject.

[Tuesdays and Thursdays, 3 P. M.]

38 *The Protestant Revolution and the Catholic Reaction.* 2 hrs. 2nd term.

This course is a continuation of 37 and discusses the intellectual and political aspects of the Reformation period; so far as practicable the work of the student is based on the study of the sources. Special study will be devoted to Luther's writings.

[Courses 37 and 38 alternate with 36.]

39 *History of Europe from the Reformation to the French Revolution.* 2 hrs. both terms.

This course deals mainly with the growth of the European State system, the influence upon Europe of the colonial expansion, and the political and intellectual movements, preparatory to the Revolutionary epoch. Some attention is given also to the economic history of the period. The course consists of one lecture and one class exercise each week. The work of the class exercise is devoted to the discussion of topics illustrated in Schilling's *Quellenbuch zur Geschichte der Neuzeit*, and in Corréard's *Choix de Textes pour servir a l'étude des Institutions de la France*, and to papers by the students. A good reading knowledge of German or French is indispensable for this course.

[Wednesdays, 12.30 P. M.]

Professors ADAMS (first half-year) and BOURNE (second half-year):—

40 *English History.* [Seniors.] 3 hrs.

Political and constitutional. Particular attention will be given to the development of political and legal institutions, and in the

second half to the colonial expansion of England. The more important constitutional documents will be discussed in detail as well as such other contemporary sources as are accessible. While this course is of special value to those who intend to study law, the interest of the general student will also be kept in view.

Mr. F. W. WILLIAMS :—

*41 *Ancient Oriental Nations from the earliest times.* 2 hrs. both terms.

[See Course 47, page 67.]

*42 *Modern Asiatic History.* 2 hrs. both terms.

[See Course 48, page 68.]

43 *Historical Seminary.*

An advanced course in the methods of historical research is conducted by the professors of History. The members of the course prepare papers upon topics selected with especial reference to the possibility of a comparatively brief treatment based upon a full examination of the existing sources. The opening sessions of the year are devoted to bibliographical work, and to questions of difficulty which may arise in the preparation of the papers. The later sessions are occupied with the reading of the papers and their criticism by the members of the course and by the professor in whose department the topic falls. This criticism has especial reference to the handling of the sources, the constructive method employed, and the validity of the results. The members of this course must have taken course 35 or be able to show an equivalent preparation.

The following course in the Divinity School is also open, by the special permission of Professor Fisher, to graduate students :

Professor FISHER :—

44 *General Church History.* 3 hrs. both terms.

This course comprises the following topics: The nature, divisions, and sources of Church History, with a review of the literature on the subject; the old or preparatory dispensation in its relation to Christianity; the condition of the Graeco-Roman

world at the introduction of the Gospel; the establishment of Christianity, and the conflicts of the apostolic age; the spread of Christianity, including especially the conversion of the Roman Empire and of the Teutonic nations; the changes in ecclesiastical polity in the early centuries; the organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to civil society in the Middle Ages; the Protestant Reformation, with its causes and the systems of polity adopted by the different Protestant churches; Christian life, and its characteristic features in the successive eras (including the rise and subsequent history of monasticism); the history of Christian worship.

[Mondays, Thursdays, and Saturdays, 10 A. M.]

For courses on the Greek and Roman Historians, see Classical Philology, IV, courses 4 and 42. For a course in Roman Law, see IV, 45.

THE POLITICAL SCIENCE CLUB meets fortnightly for the reading and discussion of papers, and for reports on current literature. A convenient room in White Hall (No. 11) is set apart for its use, and contains a departmental library which is accessible to the graduate students at all hours of the day. As the books are not allowed to be taken from the room, this library is particularly helpful to graduate students when they wish to refer to some authority which is temporarily withdrawn from the University library.

## III. ORIENTAL LANGUAGES AND BIBLICAL LITERATURE

[NOTE.—Professor Hopkins has received leave of absence for the year 1896–97, and during this year his Sanskrit courses are given by Professor Oertel.]

Assistant Professor OERTEL:—

1 *Elementary Sanskrit.* 3 hrs. both terms.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.

[Mondays and Fridays, 2.30 P. M., and Wednesdays, 3 P. M.]

2 *Advanced Sanskrit.* 3 hrs. both terms.

Selections from the *Rig Veda* and Brahmanic texts. The mss. and texts of the University library and of the American Oriental Society furnish ample material for original work.

[Thursdays, 2 to 4 P. M.]

3 *Advanced Sanskrit.* 2 hrs. both terms.

For third-year students.

[Wednesdays and Fridays, 11.30 A. M.]

President DWIGHT :—

4 *The Book of Revelation.* 1 hr. both terms.

A course of lectures, with a study of the book in the original Greek.

5 *The First Epistle to the Corinthians.* 2 hrs. both terms.

A study of the epistle in the original Greek, with a discussion of the teachings and thoughts of the author, and of the subjects and questions considered in the epistle.

Professor SANDERS :—

*6 *Hebrew. Poetry, Law, History, and Prophecy.* 2 hrs. both terms.

[See Course 171, page 88.]

7 *Hebrew Syntax.* 1 hr. both terms.

A careful study of the principles of Syntax, making class-room use of Harper's *Elements of Hebrew Syntax*, and of Driver's *Tenses*, with references to other authorities, and with some attention to comparative Syntax. During the year a variety of passages in the Bible are read critically with reference to a syntactical interpretation.

[Tuesdays, 3 P. M.]

8 *Textual Criticism of the Old Testament.* 1 hr. both terms.

A close textual study of some book of the Old Testament, making use of the apparatus of the lower criticism to restore the original text. For 1895–6 the basis of work was the book of Micah. At the beginning and at the close of the year's work lectures are given on the apparatus, methods, and history of O. T. criticism.

[Omitted in 1896–97.]

9 *Arabic Poetical and Philosophical Literature.*
2 hrs. both terms.

The first half of the year is devoted to the *Mu'allaqât* and other poetical literature, read both with and without the unpointed commentary. In the second half of the year the class makes constant use of the valuable Salisbury collection of mss. and texts in the University library. Lectures on Arabic literature are given at intervals throughout the year.

[Tuesdays, 8.30–10.30 A. M.]

10 *Assyrian and Babylonian Inscriptions.* 2 hrs. 1st half year.

Selected inscriptions from the annals of the later Assyrian kings, and of the Neo-Babylonian empire, the Creation and Deluge tablets, etc.

[Mondays, 3 P. M., and Fridays, 3.15 P. M.]

11 *Assyro-Babylonian History and Literature.*
2 hrs. 2d half year.

A rapid reading with the use of Schrader's transliterated texts of the whole range of Babylonian and Assyrian historical inscriptions, the object being to gain a familiarity with the literature and the history, and a critical estimate of the relation of one to the other.

[Thursdays, 8.30–10.30 A. M.]

12 *Ethiopic.* 2 hrs. 1st term.

A survey of the elements and distinctive structure of the Ethiopic, using Praetorius's *Äthiopische Grammatik* and referring to Dillmann, and reading some portions of the chrestomathy and one or two of Bachmann's texts.

[Fridays, 10.30–12.30.]

13 *Comparative Semitic Grammar.* 2 hrs. 2d term.

The reading and discussion of Wright's *Comparative Grammar*, special themes being presented in lectures and class-papers.

[Fridays, 10.30–12.30.]

*14 *Biblical Literature.* 2 hrs. both terms.

[See Course 180, page 89.]

15 *English Bible Seminary.* 2 hrs. both terms.

An investigation course, intended to train men for patient and accurate investigation of Biblical questions. A variety of topics

are considered. During the last year these were the Synoptic question, and the chronological arrangement of the material of the Old Testament by recognizable sections.

The course is very informal, the class meeting at irregular intervals to report and compare results of individual study of themes assigned by the instructor.

[Tuesdays, 4–6 P. M.]

Dr. CREELMAN :—

16 *Beginning Arabic.* 2 hrs. both terms.

During the first term the principles of the language are mastered in connection with the careful reading of *Genesis i-iii.* During the second term until Easter the class reads rapidly in easy prose Arabic ; after Easter, from selected Suras of the first Meccan period.

[Tuesdays and Thursdays, 2 P. M.]

17 *Beginning Assyrian.* 2 hrs. both terms.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib in the cuneiform, together with lectures on the outlines of Assyro-Babylonian history and literature.

[Thursdays and Fridays, 4 P. M.]

18 *The Book of Ezekiel.* 2 hrs. 1st term.

The rapid reading of the book of Ezekiel in Hebrew with an interpretation of the thought accompanied by a discussion of its symbolism and its relation to the Hexateuchal problem.

[Thursdays and Fridays, 5 P. M.]

19 *The Book of Jeremiah.* 2 hrs. 1st term.

[Omitted in 1896–7.]

20 *Biblical Aramaic.* 2 hrs. 2d term.

A study of the elements of Aramaic, together with a critical study of the books of Ezra and of Daniel and an interpretation of the literary form and contents of the book of Daniel.

[Thursdays and Fridays, 5 P. M.]

21 *The Three Major Prophets* (English). 1 hr. both terms.

A careful study of the three prophetic books of Isaiah, Jeremiah, and Ezekiel, with especial reference to their historical setting, their contents chronologically arranged, their literary form and their historic sequence of ideas.

[Mondays, 2 P. M.]

22 *The Minor Prophets* (English). 1 hr. both terms.
[Omitted in 1896–97.]

23 *Messianic Prophecy* (English). 1 hr. both terms.
A survey of the Messianic element in the Old Testament, intended to show the historical development of the conception and the various forms in which it was embodied.
[Wednesdays, 2 P. M.]

24 *Old Testament Wisdom-Literature* (English). 1 hr. both terms.
[Omitted in 1896–97.]

Mr. DUNNING :—

25 *Sight-Reading in Hebrew.* 1 hr. both terms.
The class reads at least two hours each week, but the work counts as the equivalent of one hour. In connection with the reading of the Hexateuch or the Histories, special attention is paid to the literary analysis for the discovery of the sources.
[Mondays, 3–5 P. M.]

26 *The Qur'ân.* 2 hrs. 1st half year.
Interpretation of the early Meccan suras and of selections from those of other periods, accompanied by a study of the life of Muhammad.
[Wednesdays and Fridays, 10.30 A. M.]

27 *Arabic Prose Literature.* 2 hrs. 2d half year.
A rapid reading of selections from the Arab historians and from the *Thousand and One Nights*, followed by a close study of the *'Ajurrâmiya*. Lectures are given on the history of Islâm.
[Wednesdays and Fridays, 10.30 A. M ]

28 *Syriac and the Textual Criticism of the New Testament.* 1 hr. both terms.
The principles of the language, using Nestle's *Syriac Grammar*, followed by reading in the Syriac New Testament. This course is intended as an introduction to New Testament textual criticism, and lectures will be given on its apparatus and methods.
[Thursdays, 3 P. M.]

Professor CURTIS :—

29 *The Book of Chronicles.* 1 hr. both terms.
A critical reading of the text of Chronicles, using Kittel's edition in the Haupt *Polychrome Hebrew Bible.*
[Thursdays, 5–6 P. M.]

30 *The Book of Job.* 1 hr. both terms.
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)
[Omitted in 1896–7.]

31 *The Five Megilloth.* 1 hr. both terms.
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)
[Tuesdays, 5 P. M.]

32 *Selections from the Psalter.* 2 hrs. 1st term.
Grammatical and historical exegesis of the Hebrew text, with special reference to New Testament interpretation and modern homiletical application.
[Wednesdays and Fridays, 9.30 A. M.]

33 *The Book of Isaiah.* 1 hr. 2d term.
Grammatical and historical exegesis of the Hebrew text.
[Wednesdays, 9.30 A. M.]

34 *Analysis and Exposition of Isaiah, Jeremiah, and Ezekiel.* (English Bible.) 2 hrs. 2d term.
[Tuesdays and Fridays, 9.30 A. M.]

35 *Old Testament Introduction.* 1 hr. both terms.
A brief survey of the history of the canon, text, and versions, followed by special introduction to the Hexateuch and remaining Old Testament books. Lectures.
[Mondays, 11 A. M.]

Professor PORTER :—

36 *Biblical Theology of the Old Testament.* 2 hrs. both terms.
A general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings, and in the historical course of their development.
[Tuesdays, 9.30 A. M., Thursdays, 8.25 A. M.]

37 *Biblical Theology of the New Testament.* 3 hrs. both terms.
An examination of the teaching of Jesus and of the different types of apostolic teaching in their historical character, and their relations to one another and to the religious ideas of the time.
[Wednesdays and Fridays, 9.30 A. M., and Thursdays, 11 A. M.]

38 *Palestinian Jewish Literature.* 1 hr. both terms.
Critical readings from the Old Testament Apocrypha and the Jewish Pseudepigrapha, with special attention to the origin and significance of the apocalyptical element in Jewish religious history and its relation to the beginning of Christianity.
[Omitted in 1896–97.]

39 *Hellenistic Jewish Literature.* 1 hr. both terms.
A course parallel in purpose and method to course 38.
[Omitted in 1896–97.]

40 *The Foundation in Judaism for N. T. Christology.* 1 hr. both terms.
An historical study of the different lines of preparation in the Old Testament, and in Palestinian and Hellenistic Judaism for the New Testament doctrine of the Person of Christ.
[Fridays, 4.30 P. M.]

Dr. BACON :—

41 *The History of New Testament Literature.* 2 hrs. both terms.
The critical reading of the book of Acts, the Synoptic Gospels, and the Johannine writings in the Greek, looking toward the investigation of the sources.
[Mondays and Thursdays, 9.30 A. M.]

42 *The Teachings of Jesus.* 1 hr. both terms.
The discourses and parables of Jesus studied in the light of the teachings of the Jewish synagogue.
[Tuesdays, 4 P. M.]

[See also Dr. Fairbanks's courses in Hellenistic Greek IV. 25, Beginnings of Religion I. 19, and Semitic Religion, I. 20.]

THE SEMITIC CLUB is composed of the above-mentioned instructors and of students who are qualified for independent work. Its meetings are held at regular intervals throughout the year. For 1896–97 the subject is Rabbinic literature, with a particular emphasis on the study of the Mishna.

THE BIBLICAL CLUB draws its members from the students of the department of Biblical Literature and of the Divinity School. It holds stated monthly meetings, at which papers on subjects of interest to Biblical students are presented and discussed. The general subject of presentation for 1896–97 is Apocryphal and Pseudepigraphic Literature.

## IV. CLASSICAL PHILOLOGY

Professor HOPKINS :—

1 *Introduction to Comparative Syntax.* 2 hrs. both terms.
[Not given in 1896-97.]

Assistant Professor OERTEL :—

2 *Linguistics.* 2 hrs. both terms.

A discussion and exposition of the general principles and chief problems of linguistic science; such topics as sound-change, change of significance, the fundamental facts of syntax, the relation of grammar to logic, the relation of linguistics to ethnography, the theories of the origin of speech, etc., are examined. Paul's *Principles of the History of Language* is used as a text-book for part of the course and critically read. As time permits, some of the more important questions regarding the Indo-European branch are discussed. The course consists largely of lectures, but it requires outside reading and occasionally the preparation of short papers on assigned topics. No knowledge of Sanskrit is required for this course.

[Not given in 1896-97.]

3 *Phonetics.* 1 hr. both terms.

An introduction to general Phonetics on the basis of Sievers' *Grundzüge der Phonetik*, 4th ed., Leipzig, 1893, and their application to the English; German, and Latin sound-systems. Sweet's *Primer of Phonetics*, Oxford, 1890; Laura Soames's *Introduction to Phonetics*, London, (Swan, Sonnenschein & Co.); Vietor's *Elemente der Phonetik und Orthoepie des Deutschen, Englischen u. Französischen*, 2d ed., Heilbronn, 1887; O. Bremer's *Deutsche Phonetik*, Leipzig, 1893; and Seelmann's *Die Aussprache des Latein*, Heilbronn, 1885, are chiefly used.

[Wednesdays, 2 P. M.]

Professor PERRIN :—

4 *Herodotus, and the Tradition of the History of the Persian Wars from Herodotus to Plutarch.*

3 hrs. both terms.

Lectures and seminary exercises.

(*a*) The History of Herodotus is read entire, and all data collected which bear upon the author's plan and method of composition, his sources and the use made of them. Discussions and papers follow, based largely on Hauvette's *Hérodote*.

(*b*) The *Themistocles* of Plutarch is read and critically analyzed to illustrate historical tradition from Herodotus through Thucydides to Plutarch. Discussions and papers are based largely on Bauer's *Themistokles* and Busolt's *Griechische Geschichte*, Vol. II. No student should take the course without some reading knowledge of French and German, as well as the ability to read Latin and Greek prose fluently.

[Mondays, Wednesdays, and Fridays, 3 P. M.]

*5 *Aristophanes. The Testimony of the Old Athenian Comedy to the Political and Social Life of its Time.*

2 hrs. both terms.

[See Course 126, page 81.]

Professor SEYMOUR :—

6 *Pindar.* 1 hr. both terms.

The odes of Pindar are studied with specially qualified students, with exercises in the critical treatment and interpretation of the text, as a Greek *Seminary* course. The class meets once in two weeks for a two-hours' session.

[Alternate Tuesdays, 4 to 6 P. M.]

7 *Epic Poetry.* 2 hrs. both terms.

Introduction to the critical study of Homer. Lectures on the history of Homeric study, Epic poetry, the composition and transmission of the poems, life in the Homeric times in its various aspects; Homeric language and verse. Followed by a familiar but critical interpretation (and exercises in interpretation and criticism) of portions of the *Odyssey*, and of the later Greek epics.

[Wednesdays, 4 to 6 P. M.]

8 *The Greek Orators.* 3 hrs. both terms.

A study of Greek Oratory, beginning with the orations of Isaeus, and including some of the private orations of Demosthenes, with reference to Athenian life and law, as well as to the development of Attic eloquence.

[Mondays and Thursdays, 8.30 to 10 A. M.]

9 *Aeschylus.* 3 hrs. both terms.

The extant plays of Aeschylus are read. The instructor interprets the *Prometheus* and parts of other plays. The members of the class later interpret in turn.

[Omitted in 1896–97.]

10 *Plato.* 2 hrs. both terms.

The *Republic* and the portions of the other dialogues which are most important for its elucidation.

[Omitted in 1896–97.]

*11 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs. both terms.

[See Course 120, page 80.]

*12 *The Phaedo of Plato.* 2 hrs. 1st term.

[See Course 129*a*, page 82.]

*13 *Aristotle's Nicomachean Ethics.* 2 hrs. 2d term.

[See Course 129*b*, page 82.]

*14 *Pindar.* 2 hrs. 2d term.

[See Course 121, page 80.]

*15 *Plato.* 2 hrs. both terms.

[See Course 128, page 82.]

Professor GOODELL :—

16 *Sophocles.* 2 hrs. both terms.

Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of metres, and the like. A brief introduction to Greek rhythmic and metric is given by lectures.

This course is intended for Graduates and for Juniors and Seniors who have done superior work in Greek.

[Tuesdays and Saturdays, 9.30 A. M.]

*17*a* *Introduction to Greek Archaeology.* 1 hr. both terms.
[See Course 136*a*, page 84.]

*17*b* *Introduction to Greek Archaeology.* 2 hrs. both terms.
[See Course 136*b*, page 84.]

Professor REYNOLDS :—

18 *Aristotle's Poetics. Literary Criticism in Ancient Times.* 1 hr. both terms.
Interpretation of the *Poetics* and parts of the *Rhetoric*, with selections from Plutarch, Pseudo-Longinus, and Lucian.
[Mondays, 10.30 A. M.]

19 *Late Greek Poetry.* 1 hr. both terms.
This course includes a survey of Alexandrian and later Greek poetry. Reading of the mimes of Herondas, with selections from the Anthology, and from the hymns of Callimachus, and other fugitive poetry.
[Omitted in 1896–97.]

*20 *Euripides.* 2 hrs. both terms.
[See Course 124, page 81.]

*21 *Lucian.* 2 hrs. both terms.
[See Course 132, page 83.]

Professors REYNOLDS and OERTEL :—

*22 *Greek Inscriptions.* 3 hrs. both terms.
[See Course 131, page 82.]

Mr. KITCHEL :—

23 *The Choephori of Aeschylus, The Electra of Sophocles, and The Electra of Euripides.* 2 hrs. 2d term.
These plays are read and carefully compared, with the intent of noting the development of the drama thus exhibited, both in chorus and in plot. The points of similarity and dissimilarity between the ancient and the modern drama are sought for.

Dr. FAIRBANKS :—

24 *Greek Worship and Belief.* 2 hrs. both terms.
Readings from Pausanias. Lectures and seminary exercises (*a*) on forms of Greek worship and (*b*) on the types of Greek gods in worship, in literature, and in art.
[Omitted in 1896–97.]

25 *Hellenistic Greek.* 1 hr. both terms.
Readings from the Septuagint; characteristics of Hellenistic Greek; relation of the Septuagint to the Hebrew text of the Old Testament.
[Fridays, 10.30 A. M.]

26 *Inscriptions relating to Greek Religion.* 1 hr. both terms.
Dittenberger's *Sylloge Inscriptionum Graecarum*, Part II, ii, *res sacrae;* selections from Part I.
[Omitted in 1896–97.]

Mr. BROWNSON :—

*27 *The Greek Theater.* 1 hr. both terms.
[See Course 138, page 84.]

*28 *Greek Composition and Sight-Reading.* 2 hrs. both terms.
[See Course 133, page 83.]

Professor PECK :—

29 *Lucretius and the Dialogus of Tacitus.* 2 hrs. both terms.
[Saturdays, 9.30 to 11.30 A. M.]

30 *Horace (Satires) and Pliny (Letters).* 2 hrs. both terms.
[Omitted in 1896–97.]

31 *Early Latin.* 1 hr. both terms.
Study of inscriptions and of the ante-classical literature, based on Allen's *Remnants of Early Latin* and Merry's *Fragments of Roman Poetry.*
The course is largely philological and critical, dealing with the development of forms, constructions, and literature.
[Wednesdays, 9.30 A. M.]

32 *Latin Composition.* 1 hr. both terms.
Written and oral exercises in Latin based on Cicero's Letters.
[Tuesdays, 9.30 A. M.]

33 *Latin Philology.* 1 hr. both terms.

In this course such features of the language are studied as its historical development and decay, relations to other languages, forms and syntax, pronunciation, adaptation to literature, etc.

[Omitted in 1896–97.]

*34 *Hexameter Poetry.* 2 hrs. both terms.

[See Course 144, page 85.]

*35 *Prose Latin of the 1st Century.* 3 hrs. both terms.

*36 *Roman Oratory.* 2 hrs. both terms.

*37 *Roman Private Antiquities.* 2 hrs. both terms.

[See Course 143, page 85.]

Professors H. P. WRIGHT and MORRIS :—

*38 *Satire and Comedy.* 2 hrs. both terms.

[See Course 148, page 86.]

*39 *Lyric and Elegiac Poetry.* 2 hrs. both terms.

[See Course 146, page 86.]

Professor MORRIS and Dr. INGERSOLL :—

40 *Historical Syntax.* 2 hrs. both terms.

Lectures on the history of work in Latin syntax during this century, and on the principles and methods of the historical investigation of the modes and tenses; discussion of text-books and of a few good specimens of work in this field; outline of the syntax of the modes and tenses from the historical point of view.

The lectures are accompanied and followed by a study of the *quia* clause, the material for which will be collected and examined by students who take the course.

[Tuesdays, 2–4 P. M.]

Professor MORRIS :—

41 *Plautus.* 1 hr. both terms.

Lectures introductory to the study of Plautus, followed, if time allows, by work upon idioms and phraseology.

[Fridays, 5 P. M.]

*42 *The Conspiracy of Catiline.* 2 hrs. both terms.
[See Course 145, page 85.]

Professor LANG :—

43 *Low Latin.* 1 hr. both terms.

The aim of this course, which extends over two years, is to give an historical account of the popular speech of Rome and of the Roman provinces, and also an outline of its grammar and syntax, as it is disclosed to us by classical Latin, the testimony of the Latin grammarians, inscriptions, medieval documents, and the consensus of the Romance languages.

The first year's course is taken up with lectures on the history and the grammar of Low Latin and, as far as time permits, with the reading of a Low Latin text. For the present the following is used: J. F. Gamurrini, *S. Silviae Aquitanae Peregrinatio ad Loca Sancta.* Editio altera. Romae 1888.

[Mondays, 3.30 to 4.30 P. M.]

44 *Low Latin* (Second Year). 1 hr. both terms.

The second year's course is taken up with the interpretation of Low Latin texts by the student and the study of special subjects assigned by the instructor.

[Thursdays, 3.30 to 4.30 P. M.]

Dr. ROBINSON :—

*45 *Roman Law.* 2 hrs. both terms.
[See Course 150, page 86.]

Assistant Professor OERTEL :—

46 *The Italic Dialects and the Archaic Latin inscriptions.* 1 hr. both terms.

Johannes Zvetaieff's *Inscriptiones Italiae inferioris dialecticae in usum praecipue academicum* is used as a text-book.

Dr. INGERSOLL :—

*47 *Latin Literature.* 2 hrs. both terms.
[See Course 155, page 86.]

For a course in Greek Philosophy, see course I, 29.

Mr. Albert S. Wheeler's course on Roman Law, in the Law School, is open to classical students under certain limitations.

The Phelps Memorial Building, which was ready for occupancy in the autumn of 1896, has been assigned to the use of the Classical Department of the University. In addition to twelve ordinary class-rooms, two seminary rooms, and offices for instructors, it contains a large apartment for the library and reading-room of the Classical Club. This room is intended to become the headquarters of advanced students in classical philology, and to furnish to them the advantages of a good private library. It already contains over twelve hundred volumes, of texts, commentaries, works on antiquities, etc.,as the germ of a departmental library. The books most needed for the immediate work in the classical courses for the present year are to be found there. The recent gift to the University Library of the important library of Ernst Curtius, the distinguished archaeologist and historian, not only adds to the philological and archaeological wealth of the main library, but also supplies many volumes for the immediate use of the Classical Club. The Club meets every Saturday and spends that evening in reading and discussing the work of some classic author, with reports and papers in the field of Greek and Latin Philology. During the year 1896–97 the Iliad of Homer and the Letters of Cicero are studied.

Graduate students of this University, with the approval of the classical instructors, are admitted to the free enjoyment of the privileges of the American School of Classical Studies at Athens.

## V. MODERN LANGUAGES AND LITERATURES

Professor LUQUIENS :—

1. *Early French Literature and Historical Grammar.*

2 hrs. both terms.

The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, and to the interpretation of the oldest texts; the rest of the year to the reading, in full or in extracts, of the best literary productions of the XIth, XIIth, and XIIIth centuries.

[Mondays and Thursdays, 11.30 A. M.]

2 *French Literature of the xvith Century.*

2 hrs. both terms.

A study of the literary Renaissance in France. The first term devoted chiefly to the poets, Marot, Ronsard, du Bellay, etc.; the second to the prose-writers, especially Rabelais and Montaigne. Individual work assigned out of the class-room.

[Tuesdays and Fridays, 10.30 A. M.]

3 *French Critics and Criticism in the xixth Century.*

1 hr. both terms.

The study will begin with Sainte Beuve and include every critic of mark down to our days. Lectures by the instructor and reports of the students on the work assigned to them. A general knowledge of French literature is required.

*4 *Advanced French Grammar and Composition.*

2 hrs. both terms.

[See Course 61, page 69.]

*5 *French Literature of the xviith Century.*

1 hr. both terms.

[See Course 66, page 70.]

*6 *French Literature of the xviiith Century.*

1 hr. both terms.

[See Course 68, page 71.]

Professor LANG :—

7 *Provençal Language and Literature.* 2 hrs. both terms.
This course is strictly literary and philological, and is open only to those who have made a scientific study of the language and literature of France and Italy. The course begins with lectures on the historical grammar of old Provençal, after which the origin and growth of Provençal lyric poetry and Provençal metre are studied in connection with the reading of selections from the works of the Troubadours. The text-book used is Crescini's *Crestomazia provenzale.*
[Mondays, 3 P. M., and Fridays, 11.45 A. M.]

*8 *Spanish, Elementary Course.* 3 hrs. both terms.
[See Course 70, page 71.]

*9 *Spanish Literature of xvith and xviith Centuries.* 2 hrs. both terms.
[See Course 71, page 71.]

*10 *Italian, Elementary Course.* 3 hrs. both terms.
[See Course 75, page 72.]

*11 *Dante's Life and Works.* 1 hr. both terms.
[See Course 76, page 72.]

*12 *Petrarch.* 1 hr. both terms.
[See Course 79, page 72.]

Mr. TAYLOR :—

*13 *Systematic Readings in the French Literature of the xviith Century.* 2 hrs. both terms.
[See Course 62, page 69.]

Assistant Professor CAMERON :—

14 *Molière : His Life and Works.* 1 hr. both terms.
(*a*) Theories of Molière's life, (*b*) Dramatic indebtedness, (*c*) Dramatic development, (*d*) Critical study, (*e*) Purpose of his social satire, (*f*) Imitators. Collateral reading.
[Mondays, 10 A. M.]

Professor PALMER :—

15 *Gothic, Old High German, and Old Saxon.*
2 hrs. both terms.

An introductory course, especially for those who intend to study historically German or English.

The first half-year is given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik* or Wright's *Gothic Language Primer*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German*.

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch;* Gallée's *Altsächsische Grammatik;* Behaghel's *Héliand.*

[Omitted in 1896–97.]

16 *Old Norse (Icelandic).* 2 hrs. both terms.

Grammar, and reading in the Sagas and the Elder Edda.

[Omitted in 1896–97.]

*17 *Scientific German.* 2 hrs. both terms.

[See Course 84, page 74.]

*18 *Goethe, Works and Life.* 3 hrs. both terms.

[See Course 86, page 74.]

*19 *History of German Literature, 1624–1832.*
2 hrs. both terms.

[See Course 87, page 74.]

Assistant Professor GRUENER :—

20 *Middle High German.* 2 hrs. both terms.

Hartmann. *Nibelungenlied.* Selected poems of Walther von der Vogelweide. Lectures and papers.

[Wednesday, 10.30 A. M., Fridays, 8.30 A. M.]

21 *German Literature of the Reformation Period (1500–1624).* 2 hrs. both terms.

The development of German literature is studied from the beginning of the Reformation to the First Silesian School of poets. Characteristic works of the important writers of the

period are read chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.

[Wednesdays and Saturdays, 8.30 A. M.]

*22 *Schiller, Works and Life.* 2 hrs. both terms.

[See Course 82, page 73.]

Dr. W. A. ADAMS :—

*23 *Prose of Modern German Historians and Critics.* 2 hrs. both terms.

[See Course 83, page 73.]

24 *Goethe's Dichtung und Wahrheit.* 1 hr. both terms.

This course aims at a study of the autobiography itself and through it of Goethe.

The text is read privately. In the class-room the work is commented upon, explained, and discussed book by book and as a whole.

Topics for special investigation are assigned and reports presented by members of the course.

Dr. CORWIN :—

25 *Lessing.* 2 hrs. both terms.

This course aims to acquaint the student with the regeneration of German literature through Lessing in his two-fold capacity of literary critic and poet. After an outline study of Lessing's life, and the literary and political conditions of the times, his works are read and discussed. Particular attention is given to the development of literary criticism and of the drama.

Professor LOUNSBURY :—

26 *The English Literature of the xivth Century.*

Professor BEERS :—

27 *English Literature.* 2 hrs. both terms.

The history of English Romanticism from Thomson to Swinburne (1726–1890), with incidental study of the parallel movements in Germany and France. The instruction is given mainly by lectures.

This is an undergraduate course, but additional reading is required of graduate students, and special topics are assigned them for thesis work.

[Mondays and Fridays, 5 (2d term 3) P. M.]

28 *Medieval Allegory.* 2 hrs. both terms.

A study of medieval allegory, including the *Romaunt of the Rose* (Chaucerian translation), *Piers Plowman*, and the *Purgatorio* of Dante, with two or three morality plays and passages from Hawes's *Pastime of Pleasure.* Candidates for this course should have a fair reading knowledge of Italian.

[Tuesdays and Thursdays, 5 P. M.]

28 *bis Renaissance and Queen Anne Period.* 1 hr. both terms.

Professor COOK :—

The strictly graduate courses offered below are given according to circumstances and the needs of the graduate students actually in attendance; but special attention is given to the supervision of individual research along these and similar lines.

29 *Encyclopaedia and Methodology of English.*

This course is designed to acquaint the student with the more important branches of scholarship relative to the English language and literature, with a few of the representative books in each, and with the scope and method of research in this department.

[Wednesdays, 4 P. M.]

30 *Theories of Poetry.*

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis of standard works, such as Aristotle's *Poetics*, Sidney's *Defense of Poesy*, Addison's *Criticisms on Paradise Lost*, Boileau's *Art of Poetry*, Lessing's *Laokoon*, and others of similar character.

31 *Advanced Old and Middle English.*

A survey of the subject for those who are not yet prepared for minuter specialization.

32 *Seminary in Literature.*

A critical study of some representative writer. In 1894–95, Ben Jonson was the author selected; in 1895–96, Browning. Chaucer, Spenser, and Milton indicate possibilities of future choice.

[Alternate Mondays at 7 P. M.]

33 *Historical English Prosody.*

Schipper's *Englische Metrik* is adopted as the basis of study, but reference is made to the discrepant views of other authorities.

[Wednesdays, 9.30 A. M.]

34 *Middle English Texts.*

A course in the interpretation of selected Middle English texts.

*35 *Old and Middle English.* 2 hrs. both terms.

[See Course 118, page 79.]

*36*a* *Shakespeare's English Historical Plays.* 2 hrs 1st. term.

[See Course 107*a*, page 78.]

*36*b* *Milton.* 2 hrs. 2d term.

[See Course 107*b*, page 78.]

*37*a* *Tennyson.* 2 hrs. 1st term.

[See Course 108, page 78.]

*37*b* *Browning.* 2 hrs. 2d term.

[See Course 108, page 78.]

Assistant Professor PHELPS:—

38 *The Elizabethan Drama.* 2 hrs. both terms.

A purely literary course in the English drama, from the Mystery plays to the closing of the theatres in 1642. Specimen Mysteries, Moralities, Interludes, and early plays are examined, and the writings of the following Elizabethan dramatists read: Greene, Peele, Lyly, Kyd, Marlowe, Jonson, Dekker, Chapman, Heywood, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley, Brome. Private reading is assigned in histories, etc.

[Wednesdays and Saturdays, 10.30 A. M.]

39 *Seventeenth Century Literature.* 2 hrs. both terms.

A rather minute study of English literature from 1625 to 1660, exclusive of the drama. The poetry of Donne, Herbert, Crashaw, Herrick, Carew, Suckling, Lovelace, Waller, Marvell, Vaughan and others, is read thoroughly; also the prose of Browne, Taylor, Fuller, Walton, etc. The works of Milton are studied from the literary, political, and religious points of view. The social life of the times is also examined.

MR. H. A. SMITH :—

*40 *Life and Manners in the Age of Pope.* 2 hrs. both terms.
[See Course 113, page 79.]

The Modern Language Club, formed of instructors and students in the departments of English, Romance Languages, and German, holds its regular meetings on the second Saturday evening of each month for the reading and discussion of original papers and for reports of progress in the field of these studies.

## VI. NATURAL AND PHYSICAL SCIENCE

### MINERALOGY

Professor DANA :—

1 *Mineralogy and Crystallography.* 1 hr. both terms.
Practical study of mineral species by means of blowpipe analysis and other methods; mathematical study of crystals by the methods of analytical and spherical trigonometry as also of their optical properties. The time is divided about equally between the two parts of the subject; the practical exercises are prolonged to cover two hours when but little outside preparation is called for. Additional opportunity is given to those who desire it to gain facility in the determination of minerals.
This course can be most advantageously prosecuted by those who have some knowledge of chemistry.
[Saturdays, 9.30–11.30 A. M.]

Professor PENFIELD and Dr. PRATT :—

2 *Mineralogy.* 3 hrs. 1st term.
Blowpipe analysis, including the use of the blowpipe and of simple chemical methods for identifying the different elements in minerals. Lectures and laboratory work.

3 *Determinative Mineralogy.* 3 hrs. both terms.
A continuation of above course, in which the student makes a practical study of the common minerals, having at command a collection of minerals for determinative work, besides a large collection of labelled specimens, for comparison, and an unlabelled collection, for practice in identifying minerals at sight.

4 *Descriptive Mineralogy.* 2 hrs. 2d term.

A series of lectures on the classification, occurrence, and properties of the mineral species, illustrated by the Brush Collection.

5 *Crystallography.* 2 hrs. 2d term.

Lectures, illustrated by crystals and models, supplemented by practical work in the measurement, calculation, and drawing of crystals. These are followed by a few lectures on the physical and optical properties of minerals.

6 *Original Investigation in Mineralogy and Crystallography.*

Opportunities are offered to those who are far enough advanced, for research work in mineralogy and crystallography. This includes the study of the chemical composition and deduction of the formulæ of minerals, together with their physical, optical, and crystallographic properties.

Material for investigation is available from the University and Brush Collections.

Assistant Professor PIRSSON :—

7 *Petrology.* Daily both terms, 9 A. M. to 1 P. M.

(*a*) Study and determination of the rock-making minerals by optical and chemical methods. Includes the use of the petrological microscope.

(*b*) History, origin and classification of rocks, commencing with igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are taken up. The work is carried on mostly in the laboratory, with access to collections both of rocks and thin sections.

(*c*) Original investigation. In sequence to (*a*) and (*b*) some special object or locality may be made the subject of investigation. The work requires laboratory methods of determination, both chemical and microscopical, with consultation of the literature and occasionally work in the field. A large amount of material is available in the petrologic collections of the Sheffield Scientific School.

Only those whose previous training in mineralogy and geology has been sufficient to enable them to pursue the subject advantageously will be admitted to this course.

8 *Elementary Petrology.* Winter half term.

[Wednesdays at 3 P. M.]

A series of lectures of an elementary nature, and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties. Illustrated by collections.

*9 *Elementary Structural and Dynamical Geology.* 3 hrs. first half year.

[Mondays, Wednesdays, and Fridays, 8 A. M.]

Exercises are partly recitations and partly lectures. Illustrated by maps, diagrams and specimens. Leconte's *Elements of Geology* is used as a text-book.

GEOLOGY

Professor WILLIAMS :—

10 *Geological Biology.*

The study of fossils in the laboratory, and with field-work so far as practicable, (1) as means of determining and classifying geological formations, (2) as evidence of the relations of organisms to their environment and of their evolution in the past.

For this course some knowledge of zoology is desirable; and for those who wish to take the course, and are not sufficiently well prepared in this direction, preliminary work in the zoology of living forms is planned.

Instruction is given also by informal lectures and the assignment of courses of reading of geological literature bearing upon the problems under investigation.

The number of hours and the specific line of study will be arranged by the instructor upon consultation in each case.

[Mondays and Fridays, 4 P. M.]

11 *Philosophy of Life and Organism.* 1 hr. both terms.

A discussion of the facts and phenomena underlying the modern theories of evolution; and of the various forms of theory proposed to explain them.

[Wednesdays, 8.30 A. M.]

Professor BREWER :—

*12 *Physical Geography.* 3 hrs. first half year.

[See Course 235, page 96.]

For a course in Physical Geography in its relation to history, see Political and Social Science, course 26.

Assistant Professor BEECHER :—

13 *Invertebrate Palaeontology.* Daily, 11 A. M., both terms.

(*a*) The study of extinct faunas by means of collections of fossils from typical localities.

(*b*) Systematic study of the structure, development, and affinities of one or more classes of fossil animals.

In the laboratory work, attention is given to modern methods of preparation and preservation of specimens. Open to those who have some previous knowledge of geology and zoology.

(*c*) Original investigation. Following *a* and *b*, an opportunity is given to take up some special subject for investigation and the discovery of facts new to science. The requisite material is available in the collections in the Peabody Museum. The work necessitates the frequent consultation of memoirs and scientific reports, occasional field-work, the use of the microscope, the preparation of thin sections, and other methods employed in practical investigation.

[Courses *a* and *b*: Laboratory work, three days per week, 2–5 P. M. Course *c*: Laboratory work, three days per week, 2–4 P. M.]

## PHYSICS

Professor A. W. WRIGHT :—

14 *Physics.* 2 hrs. both terms.

[See Course 202, page 93.]

15 *Physics (Advanced course).*

Practical work in the Sloane Physical Laboratory, with instruction in the principles and methods of physical investigation, the processes and instruments of measurement, and the methods of computing and reducing results of observations. Special attention is paid to practical measurements in optics, electricity, and magnetism. The student is expected to make original investigations an important part of his work, and has the free use of the laboratory facilities for carrying them on.

For those who have already pursued course 14 or its equivalent.

Professor HASTINGS :—

16 *Physics.* 3 hrs. lectures, 6 hrs. laboratory work.

Laboratory work, supplemented by lectures on the theory of observation, with the method of least squares, and on the theory of electricity and electrical instruments. The use of the laboratory is at the command of the student at all times.

[Lectures on Wednesdays, Fridays, and Saturdays, 12.00 M.]

For courses in Mathematical Physics, see Pure and Applied Mathematics, courses 8 and 11.

Professor MIXTER :—

17 *Chemical Physics.*

Especially the methods employed in the determination of molecular masses and specific heat.

## CHEMISTRY

Professor GOOCH and Dr. BROWNING :—

The Kent Laboratory is open daily from 9 A. M. to 1 P. M., and from 2 P. M. to 5 P. M. to students taking strictly graduate courses. The hours for most of the undergraduate courses are given below.

18 *Experimental Inorganic Chemistry.* 3 hrs. both terms.
[See Course 210, page 94.]

Dr. BROWNING :—

19 *Qualitative Chemical Analysis.* 3 hrs. both terms.
[See Course 211, page 94.]

Professor GOOCH :—

20 *Elementary Organic Chemistry.* 2 hrs. both terms.
[See Course 212, page 94.]

21 *Quantitative Analysis.* 3 hrs. both terms.
[See Course 213, page 95.]

Dr. BROWNING :—

22 *Inorganic Preparations.*

23 *Advanced Qualitative Analysis.*

The study of methods in use for the detection of certain of the elements not included in the ordinary scheme of Qualitative Analysis, and the systematic arrangement of these tests so far as is practicable.

Professor GOOCH :—

24 *Quantitative Chemical Analysis (second course).*

Practice in the more complex processes of gravimetric, volumetric, and electrolytic analysis.

[Daily ; hours for consultation fixed by appointment.]

25 *Organic Synthesis.*

Laboratory practice in synthetical processes too long or too complicated to be included in the more elementary work of Course 18.

[Daily ; hours for consultation fixed by appointment.]

26 *Chemical Theory.* 2 hrs. both terms.

This course is devoted to the discussion of the general principles and modern theories of chemistry. It is given in alternate years, and is omitted in 1896–97.

27 *Special Methods.*

Laboratory practice in special methods of analysis and research.

[Daily ; hours for consultation fixed by appointment.]

28 *Original Work and Research in Inorganic Chemistry.*

(*a*) Special problems of *analysis*—either experimental criticism of known processes or constructive work looking toward the development of new methods.

(*b*) The critical examination of reactions.

[Daily ; hours for consultation fixed by appointment.]

Professor WELLS :—

The analytical laboratories of the Sheffield Scientific School are open to students in term time from 9 to 1 and from 2 to 5 o'clock, every week-day except Saturday. The greater part of the instruction is given in the laboratory to each student separately, but the various classes have, in addition, two or more lectures or recitations a week, in connection with the studies pursued in the laboratory.

29 *Qualitative Analysis.* 1st term.

Embraces a study of the commonly-occurring elements in their qualitative relations, and includes a systematic course of analysis for the same. A good knowledge of elementary chemistry is a necessary preparation for this. If desired, the course is extended to include a study of many of the rare elements.

[Laboratory work: Monday to Friday, 9 A. M. to 1 P. M., and 2 to 5 P. M. Lectures and Recitations: Thursdays and Fridays, 5 P. M.,—occasionally at 12 M.]

30 *Quantitative Analysis.*

This is open only to those who have taken course 29 or its equivalent.

(*a*) *Gravimetric Analysis.* Second term. Embraces a series of exercises involving a considerable number of important methods.

(*b*) *Volumetric Analysis.* First term. This follows the gravimetric analysis. It includes the most important and typical methods.

(*c*) *Ultimate Organic Analysis.* First term.

31 *Advanced Quantitative Analysis.*

(*a*) *Metallurgical Chemistry.* The analysis of ores, fuels, fluxes, alloys, metals, and other furnace products.

(*b*) *Mineralogical Chemistry.* The analysis of minerals for scientific purposes.

Laboratory work, every week-day (except Saturday) 9 A. M. to 1 P. M., and 2 to 5 P. M.

32 *Metallurgy and Assaying.* 2d half of 2d term.

A course of lectures on elementary metallurgy, followed by a short course of demonstrative lectures on gold and silver assaying, with the practical application of assaying to a few typical ores.

33 *Technical Gas-Analysis.* 2d half of 2d term.

A short practical course, including the principal methods.

34 *Investigations in Inorganic Chemistry.* both terms.

Opportunities are offered to those who have had sufficient preparation to make researches on analytical methods, in the preparation and investigation of chemical compounds, and other scientific problems.

Dr. H. L. WHEELER :—

35 *Advanced Organic Chemistry.* both terms.
This offers an opportunity for more extended study and original investigation to those who have proper preparation.

36 *Organic Preparations.* 1st half of 2d term.
Laboratory-work, consisting of five exercises per week of about three hours each in the preparation of such compounds as will give familiarity with the most important synthetical methods.

Mr. COMSTOCK :—

37 *Organic Chemistry, Paraffin Series.* 2 hrs. both terms.
Recitations supplemented by lectures and a little laboratory-work.
[Mondays and Tuesdays, 3 P. M.]

38 *Organic Chemistry, Aromatic Series.* 2 hrs. 1st term.
This follows the preceding course and is similarly conducted.
[Thursdays and Fridays, 3 P. M.]

39 *Theoretical Organic Chemistry.* 3 hrs. 1st half of 2d term.
This course is given in connection with organic preparations. Recitations. Hjelt's *General Principles of Organic Chemistry* is used as a text-book.

40 *Advanced Organic Chemistry.* both terms.
This offers an opportunity for more extended study and original investigation to those who have taken the preceding courses or their equivalent.
[Monday to Friday, inclusive, 9 A. M. to 12 M.]

Mr. BOLTWOOD :—

41 *Physico-Chemical Measurements.* 2d term.
The course is intended to give an opportunity to those desiring to become acquainted with the more important methods of Physical Chemistry. The work comprises laboratory-work supplemented by lectures. Ostwald's *Physico-Chemical Measurements* will be used as a text-book.

42 *Electro-Chemistry.* 2d term.
This course is given in connection with the above, and is intended for those wishing to make a special study of Electro-Chemistry. Le Blanc's *Principles of Electro-Chemistry* will be used, and opportunities for special laboratory-work in this subject will be afforded.

## BIOLOGY

Professor VERRILL :—

43 *Zoology.*

Laboratory practice, recitations, readings, and lectures. The laboratory work is varied according to circumstances, in order to accommodate, as far as possible, those students who wish to pursue special branches. A large part of the time is usually devoted to comparative anatomy, morphology, and systematic zoology. Ample collections in the Peabody Museum, representing all classes of animals, are available for instruction, while the proximity to the sea makes it easy to provide fresh or living examples of most classes of marine animals for study and dissection.

Professor S. I. SMITH :—

*44 *Elementary Anatomy and Histology.* 4 hrs. 1st term.
[See Course 241, page 97.]

*45 *Comparative Anatomy and General Biology.* 6 hrs. 2d term.
[See Course 241*a*, page 97.]

46 *Comparative Anatomy and General Biology.*

Graduate students who have had sufficient elementary training are received in the Sheffield Biological Laboratory and are provided with special advanced courses of instruction adapted as far as possible to the particular wants of the individual student. Such courses may cover either or both terms and require at least three hours of laboratory work per day for two or more days each week. To such students the laboratory is open five days a week.

Professor CHITTENDEN and Dr. MENDEL :—

47 *Physiological Chemistry.*

Graduate students having sufficient knowledge of analytical and organic chemistry and elementary physiology are received into the Sheffield Biological Laboratory at the beginning of the academic year, where they can pursue a course in physiological chemistry, extending throughout the entire year. The course necessitates, on an average, four hours of laboratory work per day, and attendance on lectures and recitations three or four times per week. Opportunities are afforded also for the carrying on of original investigations, and to students qualified for such work the laboratory is open during the entire day.

Students who are desirous of studying any special subject in physiological chemistry and have but a limited amount of time are also received provided they are qualified by previous work to pursue the study advantageously.

[Tuesdays, Wednesdays, Thursdays, and Fridays, 9 A. M. to 1 P.M.]

48 *Experimental Physiology.* 2 hrs. both terms.

Laboratory work, with lectures and demonstrations in muscle and nerve physiology, circulation, blood pressure, etc., using the various graphic methods ordinarily employed in physiological work. Opportunity is also afforded for more advanced work in certain lines of experimental physiology.

49 *Experimental Toxicology.* 2d half 2d term.

A course of about twenty lectures, with demonstrations on the physiological action of the more important mineral and alkaloidal poisons. This course can be supplemented, if desired, by laboratory work on the chemical reactions of poisons, with a study of the methods of detecting and separating poisons.

*50 *Physiology.* 1 hr. both terms.

[See Course 240, page 97.]

*51 *Physiological Chemistry.* 4 hrs. 2d term.

[See Course 241, page 97.]

Dr. EVANS:—

*52 *Botany.* 3 hrs. 2d half term.

[See Course 235*b*, page 96.]

53 *General Morphology of Plants.* 2 hrs. both terms.

Laboratory work and informal lectures. Begining with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life, are studied and compared.

The course is limited to those who can show a satisfactory knowledge of botany of the flowering plants.

[Wednesdays and Fridays, 3 P. M.]

Dr. COE:—

54 *Cytology and General Embryology.* 4 hrs. 1st term.

Laboratory work supplemented by lectures, on the animal cell in the principal phases of its activity, with special reference to

maturation, fertilization, and cleavage of the ovum. The course requires two forenoons a week and will include practical study of cell with resting nucleus, cell-division, spermary and spermatozoa, ovary and maturation of the ovum, fertilization, cleavage, and formation of primary layers of the embryo. Considerable attention is given to the technique of the subject.

In addition to the above, special courses may be arranged for the second term to meet the requirements of individual students, and such courses may include a study of the later stages of the development of the embryo.

## VII. MATHEMATICS

### A. PURE MATHEMATICS

Professor CLARK :—

1 *Determinants and Differential Equations (successively).* 2 hrs. both terms.

The short courses in the above subjects are designed especially for the graduate students in the departments of engineering in the Sheffield Scientific School, whose time is mainly occupied with work in those departments.

[Wednesdays and Saturdays, 10 A. M.]

Professor GIBBS :—

2 *Mechanics.*

A reading course in the *Mécanique Analytique.*

3*a* *Vector Analysis.* 2 hrs. 1st term.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

[Mondays and Thursdays, 3 P. M.]

3*b* *Vector Analysis.* 2 hrs. 2d term.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed as an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

4 *Miscellaneous Applications of Vector Analysis.*
1 hr. both terms.

These applications are to such subjects as the theory of curvature, surfaces of the second degree, the motion of a rigid body, the fundamental principles of hydrodynamics, and elliptic and parabolic motion.

5 *Electro-Magnetic Theory of Light.* 2 hrs. both terms.

This course commences with the general theory of harmonic motion and its representation by complex, scalar, and vector quantities. The laws of electrodynamics are then applied to the phenomena of the propagation of light in isotropic and aeolotropic media, and its reflection at a surface between two such media, including the case of an absorbent medium, with the dispersion of colors.

6 *Dynamics and Thermodynamics.* 1 hr. both terms.

This course commences with the demonstration of the most general form of the laws of motion as given by Lagrange and Hamilton, and then proceeds to the application of the theory of probabilities to molecular mechanics, so as to deduce the notions of temperature and entropy, and the second law of thermodynamics.

In the year 1897–98, in addition to the courses 5 and 6 in vector analysis, the following may be expected :

7 *Multiple Algebra.*

The object of this course is to give some idea of the methods and results of the principal non-arithmetical algebras, especially of the *Ausdehnungslehre* and the algebra of matrices. It is intended for such students as have already some familiarity with the algebra of vectors, derived from the preceding courses or from the study of quaternions.

8 *Thermodynamics and Properties of Matter.*

This course is a development of the consequences of the two fundamental laws of thermodynamics, as affording a general theory of physical and chemical equilibrium, and as giving shape to the investigation of the sensible properties of matter.

9 *Electricity and Magnetism.*

In this course, which is based on Maxwell's theory, the student is taught the use of vector methods in this branch of physics.

Assistant Professor PIERPONT :—

10 *Introduction to the Higher Analysis.* 3 hrs. both terms.

The study of the topics treated in this course, while intended as a preparation for advanced work in analysis, is very serviceable to students of physics, astronomy, mechanics, etc. The topics are nearly as follows : arithmetical operations with complex numbers; substitution-groups and their application to the solution of equations; determinants; infinite series and products; certain fundamental portions of the theory of functions of real and complex variables.

[Mondays, Wednesdays and Fridays, 5 P. M.]

11 *Theory of Linear Differential Equations.* 2 hrs. both terms.

After a sketch of the elementary part of the general theory as developed by Fuchs, Frobenius, Hamburger, etc., various applications are made to equations whose coefficients are rational or double periodic functions of the independent variable.

This course will probably be continued in the following year, when advanced parts of the theory will be treated.

12 *Selected Chapters in Elliptic Functions.* 2 hrs. both terms.

Various advanced parts of the theory of elliptic functions are dealt with, as: Theta functions with fractional characteristics; complex multiplication; equations of transformation; modular functions; applications of the elliptic functions to various problems of mathematical physics. A knowledge of the fundamental properties of the Jacobian and Weierstrassian functions is necessary.

Assistant Professor PERCY F. SMITH :—

13 *Plane Analytical Geometry.* 1 hr. both terms.

This course is planned to acquaint the student with modern ideas in plane analytical geometry. It may be outlined thus:

*One-dimensional Geometry :* coördinates, ranges of points and pencils of lines, principle of duality, homographic configurations, involution, theory of projection, invariants.

*Two-dimensional Geometry :* coördinates, principle of duality, configurations of points and lines, descriptive and metrical properties of conics, projection and linear transformation, theory of correspondence, invariants.

[Wednesdays, 4 P. M.]

14 *Differential Geometry.* 2 hrs. both terms.

Rigor in analytical treatment will be especially aimed at and the following topics taken up:

General theorems on skew curves and surfaces.

Theory of contact of skew curves, of curves and surfaces.

Theory of envelopes, developables, ruled surfaces, evolutes and involutes, congruences and complexes of lines.

Theory of curvatures, asymptotic lines, geodesic lines.

Conform representation.

[Tuesdays, 4 P. M. and Fridays, 3 P. M.]

Mr. BOWDEN:—

*15 *Higher Algebra.* 2 hrs. both terms.

[See Course 255, page 100.]

Mr. STRONG:—

*16 *Elementary Modern Geometry.* 2 hrs. both terms.

[See Course 256, page 100.]

## B. APPLIED MATHEMATICS

Professor C. B. RICHARDS:—

*MECHANICAL ENGINEERING.*

This course, arranged for candidates for the degree of Mechanical (or Dynamical) Engineer, is open also to special graduate students, who are allowed in certain cases to take selected parts. The leading topics are:

17 *Applied Mechanics.*

Including graphical methods in applied kinematics, and in the investigation of mechanisms working with friction; graphical determinations of the accelerations of the moving parts of machines; the strength of materials as affecting the proportions of machine elements; the applications of the principles of hydraulics to the construction and working of turbines and pumps.

18 *Thermodynamics.*

Applications to the compound steam-engine, air compressors and compressed air motors, engines worked by volatile vapors, refrigerating machines, the warming and ventilation of buildings.

19 *Machine-Design.*

In this course the student is engaged in practical exercises under the guidance of the professor in charge, investigating machinery, the designing and making of working-drawings, specifications, and estimates for machines and manufacturing plant. In addition to the study of machines in general, either of the following subjects (at the option of the student) receives particular attention: (*a*) Marine engineering; (*b*) Railway machinery; (*c*) Pumping machinery and plant; (*d*) Machinery and plant for manufacturing. The student is required to make complete drawings, from new designs, of at least one important piece of machinery under one of these subjects. A compound marine engine and boilers, a locomotive, a turbine driving centrifugal pumps, a blowing-engine for an iron furnace, are examples.

Candidates for the degree of Mechanical Engineer are required to take also a course in mathematics, to sustain a final examination, and to present a satisfactory thesis on a subject approved by the professor in charge of the course.

Lectures on Industrial Legislation and Finance, and lectures on the higher Mathematics, are open to all students in this course.

Professor DuBois :—

*Civil Engineering.*

This course offers instruction for advanced graduate students as well as for those students who may be regular candidates for the degree of Civil Engineer. It embraces the following topics:

20 *Mechanics applied to Engineering.*

Including the application of kinematics, statics, and kinetics to engineering problems.

[No definite hours.]

21 *Construction and Design.*

Including the strength and properties of materials, construction and design of bridges, roofs, foundations, retaining walls, dams and embankments, masonry arches, sewerage and drainage, improvement of rivers and harbors, specifications and contracts, and the preparation of designs and working-drawings.

Candidates for the degree of Civil Engineer are required to take, in addition, a selected course in mathematics, practical astronomy, and when the facilities in the physical laboratory permit, a course of laboratory work, under the superintendence of the professors in charge. They are also required to sustain a final examination, and to present a satisfactory thesis accom-

panied by appropriate designs, upon a subject approved by the professor in charge of the course.

To special students, not candidates for the degree of Civil Engineer, a selection of special topics is allowed. The lectures of the Sheffield School upon Railroad Administration, Industrial Legislation, and Finance, and upon the higher Mathematics, are open to all the students in this course.

[No definite hours.]

Assistant Professor BARNEY :—

22 . *Geodesy and Practical Astronomy.* 2d term.

Methods of observation, based on measurements, triangulation field-work ; theory of least squares, adjustment of observations, and computation of geodetic latitudes, longitudes, and azimuth. The study of practical astronomy embraces the use of the sextant and engineer's transit with solar attachment for determining time, latitude, azimuth, and needle variation.

23 *Railway Surveying.* Three weeks in September

Assistant Professor BEEBE :—

24 *Descriptive Astronomy.* 3 hrs. 1st half year.
[See Course 260*a*, page 101.]

25 *Surveying.* 3 hrs. 2d half year.
[See Course 260*b*, page 101.]

26 *Practical Astronomy.* 2 hrs.
[See Course 262, page 102.]

Professor E. L. RICHARDS :—

*27 *Navigation and Nautical Astronomy.* 2 hrs.
[Omitted in 1896–97.]

The Mathematical Club holds fortnightly meetings, at which are presented sketches of the history of mathematical development and inventions, summaries of articles in the current periodicals and other publications in pure and applied mathematics, descriptions and models of new apparatus, together with the original investigations of the instructors and advanced students in this department of study.

## VIII. THE FINE ARTS

Professor WEIR :—

1 *Technical Course in Painting.* 2 hrs. both terms.

This course consists of two exercises a week of two hours each. The course consists principally of studies in water-color painting, and includes lectures on the grammar of art, on painting, sculpture, and architecture, technically considered, with a critical account of the various schools and their representative masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

[Mondays and Fridays, 2 to 4 P. M.]

2 *Course in Modeling.* 2 hrs. both terms.

Two exercises a week of two hours each. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 1.

Professor HOPPIN :—

3 *History of Art.* 1 hr. 2d term.

The lectures in this department for the year 1897 treat of the Umbrian School of Italian Painting; these are followed by lectures on Modern Schools of Painting specially illustrated by such masters as Velasquez, Gerome, and Burne-Jones.

[Tuesdays, 4 P. M.]

Professor NIEMEYER :—

4 *Course in Drawing.* 2 hrs. both terms.

This course consists of two exercises a week of two hours each in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

[Tuesdays and Thursdays, 2 to 4 P. M.]

## IX. MUSIC

Professor PARKER :—

*1 *Harmony.* 2 hrs. both terms.
[See Course 270, page 102.]

*2 *Counterpoint.* 2 hrs. both terms.
[See Course 271, page 102.]

*3 *Strict Composition.* 2 hrs. both terms.
[See Course 272, page 103.]

4 *The History of Music.* 1 hr. both terms.
Lectures on the development of music from its earliest stages.
Practical illustrations of the lectures on musical form will be given in the class-room.
[Wednesdays, 5 P. M.]

*5 *Instrumentation.* 2 hrs. both terms.
[See Course 274, page 103.]

6 *Free Composition.* 2 hrs. both terms.
Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs for male, female, or mixed voices, and pieces of different sorts for the piano and other instruments.
At the close of the year the student is required to produce an extended work, probably in sonata form.
[Wednesdays and Fridays, 2 P. M.]

Professor SANFORD :—

7 *Practical Music.*
Instruction in the use of organ and piano is given to a limited number of the students who take courses in the Theory of Music. A fee of twenty-five dollars is charged.

## X. PHYSICAL EDUCATION

Drs. SEAVER and ANDERSON :—

*1 *Physiology and Gymnastics.* 2 hrs. both terms.
[See Course 280, page 104.]

# YALE SCHOOL OF THE FINE ARTS

## COUNCIL

The Council of the School consists of the President of the University, the permanent officers of the School, and four members by election: Donald G. Mitchell, LL.D., Edward E. Salisbury, LL.D., J. Davenport Wheeler, PH.B., and William W. Farnam, M.A.

## FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

JOHN F. WEIR, N.A., M.A., *Director, and Professor of Painting and Design*

JAMES M. HOPPIN, D.D., *Professor of the History of Art*

JOHN H. NIEMEYER, M.A., *Professor of Drawing*

JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

————, *Instructor in Architecture*

GEORGE H. LANGZETTEL, *Librarian and Clerk, and Assistant in Drawing*

MILES A. POND, PH.B., *Assistant in Drawing*

## ORGANIZATION AND COURSE OF STUDY

The School aims to provide thorough technical instruction in the Arts of Design, viz: Drawing, Painting, Sculpture, Architecture, and Copperplate Etching; and to afford a knowledge of such branches of learning as relate to the Philosophy, History, and Criticism of Art. As a professional School of Art the aim is to furnish a thorough course of study in the practice of the studios, and as a department of the University to provide instruction in the Fine Arts as a constituent part of a scheme of general culture. These departments, of Practice and Criticism, may be regarded as distinct or correlative.

## THE TECHNICAL COURSE

The technical instruction, for professional students, is based upon methods well adapted to discipline the faculties and ground the pupil in the elements and fundamental principles, which constitute a grammar of Art, as a foundation for all forms of special application. This instruction is arranged as follows:

In Drawing, the work is distributed over a three years' course. During the first year the practice of the studio is confined to drawing from the "Antique," from plaster casts; during the second year, to drawing from casts and the living model; and during the third year, to drawing from the living model, nude and draped. The classes under the supervision of the Instructor in this department are the antique, portrait, nude-model, and sketching classes. Students showing the requisite proficiency in any class, will be advanced to the work of the second or third year according to individual ability. Instruction in this department precedes all special courses in the various branches of Art; no pupil is allowed to enter any of the advanced classes without this necessary qualification in that degree of proficiency which is deemed essential as a preliminary ground for such studies. Lectures on the principles of decoration, as applied in the various branches of Decorative Art, are included in this department.

In Anatomy, instruction is given in the form of lectures, and by drawings made from specimens and casts. The course comprises the study of such portions of the human body as manifestly affect the external forms, the aim being to familiarize the pupil with the characteristics of those parts, independently of their combined action in modifying the external forms. Drawings of these parts are made by the pupils, in connection with the subjects discussed by the lecturer. Advanced studies include the whole structure of the human form in its plastic anatomy and mechanism. The skeleton and muscular system are viewed as a whole, and the modification of the external forms studied in action and repose. The subjects of proportion, equipoise and motion, and expression, are studied, and original drawings required in illustration, made from life, or from Greek sculptures, by reducing the same to their anatomical structure by the imagined removal of the integument.

In Perspective, the instruction is likewise given in the form of lectures, illustrated by examples drawn on the blackboard, explaining

the principles under discussion. The lectures are supplemented by practical exercises. The student is required to work out examples in the interim between the lectures. Objects are treated with reference to their true dimensions, as preliminary to their correct representation on a flat surface, as seen in perspective, at various distances, and from different points of view, including the study of shadows and reflections, and the application of the general principles of perspective to interior and exterior views. The pupil is required to work out problems in illustration of all the principles involved in linear perspective in its application to the various branches of art.

IN PAINTING, the work is divided into an elementary and an advanced course of study. The first studies are devoted to the acquisition of a knowledge of the elements of technical practice, by painting from still-life. When the pupil has acquired some knowledge of the means in representing objects in color, as to their values and relations, the remainder of the course is given to studies of the living model, in portrait, figure, and composition. This is continued while the pupil remains in the School. The course in painting implies, on the part of the pupil, a requisite knowledge of drawing, and drawing from the living model is continued throughout the course in connection with the work in color. The practice of the studio is supplemented by illustrated lectures on Color, Chiaroscuro, Composition, and such other special topics relating to the principles and means of Art as are comprehended in its theory and practice.

IN MODELING, a course is provided, including the anatomical lectures, and drawing. The work in this branch of instruction consists in first modeling in clay, from casts of Greek fragments, the head and other extremities of the human form, and then the whole figure. When the student has sufficient command of the method and means, the rest of the course is devoted to modeling from the living subject.

IN ARCHITECTURE, the course includes drawing, as provided in that special department in its elementary instruction, as well as the course in isometric projection and perspective. Under the instructor in Architecture, studies are made from notable examples of the various orders and styles, in chronological order, with original projects in illustration to be worked out by the student. The means and methods of preparing plans, elevations, sectional and working drawings, and perspective views in india-ink and water-color, are comprehended in the elementary part of this course. Arrangements may be made with other Departments of the University, by which students in Architec-

ture can obtain the requisite instruction in mathematical subjects having a direct bearing on this art, including plane geometry, stone-cutting, the nature and strength of materials, and the principles of construction and engineering.

The course includes a general and comprehensive view of the historic development of the various architectures, with a comparative analysis of the same with respect to their principles of construction and decoration.

IN COPPER-PLATE ETCHING, a course is provided, and a room set apart for this special study, containing all the necessary appliances of this art, including a press.

## COURSE IN THE HISTORY AND CRITICISM OF ART

The instruction in this department includes courses of lectures by the various Instructors of the School, arranged to include professional students in regular course, and classes from other departments of the University where it is recognized as an "elective" study.

IN THE HISTORY OF ART, the course is as follows: 1. The *Origin* and *Philosophy* of the Art principle—books chiefly referred to, Hegel, Lotze, Ruskin; 2. *Egyptian Art*—Perrot and Chipiez' *Histoire de l'Art de l'Antiquité*, etc.; 3. *Oriental Art*, with special reference to its influence on Greek Art—Schnaase, Fergusson, Perrot and Chipiez, etc.; 4. *Greek Art*, Principles of Greek Art; Pelasgic construction, and the three orders of Greek Architecture; Greek Sculpture, including the Archaic, Pheidian, and Naturalistic Periods, and the Graeco-Roman, with recent researches at Olympia and other places; *Greek Painting*, Ceramic, Mosaic, and Mural—Winckelmann, Lessing, Ottfried Müller, J. Overbeck, Schnaase, Friedrichs, Charles Blanc, and Woltmann; 5. *Roman Art*, Fergusson, Dennis, Emil Braun, etc.; 6. *Beginnings of Christian Art*, classic sources and types; Religious Art; early Christian Painting and Iconography; early Christian Architecture—Lindsay, Fergusson, etc.; 7. *Byzantine Art*, Oriental, Christian, and Saracenic forms—Fergusson, Ruskin, etc.; 8. *Medieval Art*, Romanesque and Lombardic; Tuscan, Southern and Northern Gothic—Viollet-Le-Duc, Ruskin, Fergusson, etc.; 9. *The Renaissance;* rise of the Florentine School, and the Schools of Sienna, Umbria, Lombardy, Rome, and Venice—Vasari, Lanzi, Kugler, Ruskin, Crowe and Cavalcaselle, Symonds, etc.; 10. *Modern Art*—Schools of Spain;

Holland, Germany, France, and England; the Pre-Raphaelite, Romantic, and Impressionist movements; Art in America. The lectures are illustrated by means of the hydro-oxygen lantern.

IN THE PRINCIPLES AND MEANS OF ART, a course of lectures is provided, fully illustrated, embracing the subjects of Line, Chiaroscuro, Color, Composition, and Expression,—following the path of the artist in his work. A course of lectures discussing the technical methods of the Painter, the Sculptor, the Architect, and the Engraver, including an historic account of the technical development of these arts, is also provided.

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The regular prescribed course of study, for professional students, covers a period of three years, but pupils are encouraged to remain in the School and pursue advanced studies after the expiration of the prescribed term. The fees are at the rate of ten dollars per month, with an annual fee of five dollars. No pupil is received for a term of less than three months. The tuition fee for a fourth year's attendance is one-half the usual rate; pupils remaining for a longer period are classed as "honorary students;" as such they are exempt from the payment of a tuition fee, but are charged an annual fee of fifteen dollars. The School is open to both sexes; no pupil is received under fifteen years of age. All applications for admission should be made through the Director. The School opens on the 1st of October, and the closing exercises are held on the 1st of June. At the end of the School-year an exhibition of the work of the various classes of pupils is held, continuing open through the summer months.

AN ELECTIVE COURSE is provided for the Junior and Senior Classes in the Academical Department, as set forth in the Prospectus of Elective Studies in that Department of the University. Also, a special course in FREE-HAND DRAWING is arranged to meet the requirements of students in the Sheffield Scientific School, extending through the first term of the College year.

Members of the Undergraduate Departments of the University may enter the Art School, and enjoy all its privileges as "Special Students," on the payment, in advance, of an annual fee of twenty-five dollars.

CERTIFICATES are awarded to pupils remaining in the School through the regular course of three years; and the Degree of BACHELOR OF FINE ARTS is conferred by the University upon those students who have fulfilled the requirements of a prescribed course of advanced studies in the several departments of instruction, and have submitted an approved original composition in painting or sculpture, and a satisfactory thesis on some topic relating to the Fine Arts.

Students from other Art Schools, who have passed through the requisite elementary course in art, may enter this advanced course, ending in the conferring of the above degree, on passing the requisite examinations.

THE WILLIAM WIRT WINCHESTER FELLOWSHIP PRIZE OF $1,500, being the income for two years of a foundation of fifteen thousand dollars, will be awarded June 1, 1897. Competing students must have been pupils of the Yale School of the Fine Arts for at least two years before entering a preliminary *concours* to be held two months before the final competition; the preliminary *concours* to consist in making a satisfactory full-length drawing from the nude model. This Fellowship is intended to enable the successful competitor to pass two years in study abroad.

THE ALICE KIMBALL ENGLISH PRIZE, the income from a foundation of one thousand dollars, is awarded annually to one pupil taking the regular course of study in the professional department of the school, under such conditions as the Faculty may prescribe.

THE ETHEL CHILDE WALKER PRIZE, the income from a foundation of two hundred dollars, is also awarded annually, under certain restrictions, to the most deserving pupil in the professional department.

THE ART LIBRARY, containing a collection of technical hand-books, current art-periodicals, and portfolios of etchings and engravings, is open, during specified hours, for the use of students. The pupils of the School are entitled to the use of the University Library, and to such other privileges, under the usual restrictions, as are granted to students in the other Departments.

THE COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty-two paintings dating from the 11th to the 17th centuries; the "Trumbull Gallery" of historical portraits and other works, numbering fifty-four pictures; a collection of contemporaneous art, numbering about fifty paintings; a small collection of original sketches by old masters; a collection of about one hundred and fifty casts and marbles, representative of the various periods of Greek and Renaissance Art; a valuable collection of Chinese porcelains and bronzes, loaned by Mr. Frederick Wells Williams; a series of very valuable Belgian wood-carvings of the 16th century, deposited in the School by Mrs. A. C. Alden; and a collection of Braun autotypes, and other reproductions, numbering about two hundred.

The Collections of the School are open daily, without charge, from 1 to 5 P. M., during term-time; also, during the summer vacation from 9 A. M. to 6 P. M., when a fee of twenty-five cents is charged. This fee is also charged when special loan exhibitions are organized, in order to meet incidental expenses.

The Art Building was erected in 1864, by Mr. Augustus R. Street (Yale College 1812), of New Haven, at a cost of about $220,000. The School was partially endowed, to the extent of $75,000, by Mrs. Street, who also made other gifts in aid of its object.

# DEPARTMENT OF MUSIC

## FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
HORATIO W. PARKER, M.A., *Professor of the Theory of Music*
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*

HARRY B. JEPSON, B.A., MUS.B., *Instructor in Organ-Playing*
ISIDOR TROOSTWYK, *Instructor in Violin-Playing*

The Department of Music aims to provide adequate instruction for those who intend to become musicians by profession, either as teachers or as composers, and to afford a course of study to such as intend to devote themselves to musical criticism and the literature of music.

In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

The work in the Department is divided into theoretical and practical courses of study. The Department is open to undergraduates and graduates, also to special students. Admission is granted without distinction of sex. The theoretical studies consist of the courses mentioned below from 1 to 6 inclusive. The practical courses consist of instruction in Piano-, Organ-, and Violin-playing. No student will be admitted to any practical course unless he shall already have been admitted to one or more of the theoretical courses.

The theoretical courses are subdivided into elementary and advanced. Courses 1, 2, and 3 are considered elementary. At the close of the academic year, students who have completed course 2 may become candidates for a *Certificate of Proficiency in the Theory of Music* by passing

an examination—conducted partly in writing and partly *viva voce*—in four-part harmony and counterpoint, in the history of music, and in the structure of song and sonata forms. An unprepared analysis of classical works will be required in addition. Academic students on the completion of the same course and passing the same examination with distinction, will receive one-year honors in Music (see p. 116).

The advanced courses are numbers 4, 5, and 6. They are open only to students who are able to pass the examination required preliminary to the granting of the Certificate of Proficiency in Theory mentioned above. Members of these classes at the end of two years' work, or its equivalent, may become candidates for the degree of *Bachelor of Music*. The candidate will be required to pass an examination before a Board of Examiners consisting of the Faculty of the Department of Music. Satisfactory proof of proficiency in the theory of music and in any two of the following languages (one of which must be a modern language), Greek, Latin, French, German, Italian, shall be given to the Professor of the Theory of Music, prior to the examination ; also, an original composition in one of the forms to be designated by him. The examination will be in advanced Counterpoint, Canon, Fugue, the higher forms of Musical Composition, and impromptu Orchestration. Academic undergraduates on passing this examination with distinction, will receive two-year honors in Music (see p. 116).

The fee for instruction is one hundred dollars per year. The fee for the theoretical courses only is fifty dollars per year. This fee will be remitted in whole or in part when the student needs the relief and shows natural talent in such degree as to warrant it in the opinion of the Faculty. A special fee will be charged for instruction in Violin-playing. The fee for Certificate of Proficiency in the Theory of Music is five dollars. The fee for a degree is ten dollars.

1 *Harmony.* Tuesday and Thursday, 4 P. M.

The study of chords, their construction, relations, and progressions.

This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* is used as text-book.

2 *Counterpoint.* Tuesday and Thursday, 3 P. M.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition.

No text-book is used.

3 *The History of Music.* Wednesday, 5 P. M.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form are given in the class-room.

4 *Strict Composition.* Tuesday and Thursday, 2 P. M.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four and three-part Fugues for voices or for

instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 6.

No text-book is used.

5 *Instrumentation.* Wednesday and Friday, 3 P. M.

This course is open only to students who have done the work of courses 1 and 2, and it is strongly recommended that course 4 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, and in playing at sight from orchestral score.

6 *Free Composition.* Wednesday and Friday, 2 P. M.

This course is open only to students who have done the work of courses 1, 2, 4, and 5, and have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

## PRACTICAL MUSIC

The courses in practical music consist of instruction in playing the Pianoforte, the Organ, and the Violin.

No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.

I. PIANOFORTE—No student is admitted to a course in playing the pianoforte who has not already attained some proficiency in the use of the instrument and in sight-reading.

Each student is required to master the elements of a good touch and technique before undertaking the study of extended musical works.

Each student receives individual instruction, under the supervision of the Professor of Applied Music. Professor Sanford, in person, will instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert playing.

II. ORGAN—No student is admitted to the courses in playing the organ until he has acquired a satisfactory knowledge of pianoforte technique.

The work includes careful study of organ technique, and of works by representative classic and modern composers in Sonata form and in Polyphonic and Free styles, graded according to the needs of the individual student. Especial attention is given to the mechanical attributes of the instrument,—the pitch, quality, and possible combinations of the various registers, also to transposition and to playing from vocal-score.

III. VIOLIN—Students in violin-playing are received in all stages of proficiency, but the number of beginners is limited.

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DIPLOMAS are awarded to those students who, having successfully completed a three-years' course of instrumental study, are qualified to act as teachers or to appear as soloists.

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The fees for instruction in instrumental music are as follows:

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|---|---|---|---|
| For Piano, | . . . . | $50.00 | for the college year. |
| For Organ, | . . . . | 50.00 | " " " |
| For Violin (class of two), | . . | 100.00 | " " " |
| For Violin (for individual lessons), | . | 150.00 | " " " |

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STEINERT PRIZES—By the liberality of Mr. Morris Steinert, of New Haven, two scholarships of $100 each, and one of $150, are offered for three years successively, beginning in 1896.

The students who receive these scholarships are selected according to their promise and need by the Faculty of the Department of Music, with the assistance of the donor, before the beginning of the Fall term. The stipends are intended to defray the charges for one student each in the branches of Piano-, Organ-, and Violin-playing, but the money may be differently divided at the discretion of the Faculty.

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The New Haven Symphony Orchestra, under the direction of the Professor of the Theory of Music, gives four concerts during the winter, to which students in any Departments in the University are admitted for a small fee. This organization is a complete and well equipped orchestra of about fifty players, and is a valuable adjunct to the Department of Music.

Students of orchestration are afforded an opportunity to hear their work actually performed, and any composition which is original and of sufficient merit may be performed publicly.

The same orchestra affords an opportunity to acquire orchestral routine to those students of the violin who are able to pass the examination for admission to the orchestra.

The most advanced students of piano-playing as well as violin-playing are allowed to rehearse with the orchestra, and to perform publicly, if fitted to do so in the judgment of the Faculty of the Department.

# COURSES FOR TEACHERS

With the desire of being serviceable to the teachers of public and private schools in the State of Connecticut, a series of courses in various subjects of study has been arranged to extend through the Academic year 1896–97.

These courses will be open to teachers who are either graduates of colleges, or are qualified by reason of their previous studies to pursue successfully the subjects of their choice.

Teachers who take these courses will not be regarded as candidates for a degree.

A course will consist of twenty-four Exercises to be given on Saturday mornings—eight in the Fall, eight in the Winter, and eight in the Spring Term.

In connection with the several subjects of study, lines of reading will be marked out to supplement the class-room exercises, and whenever it is possible, the subject will be illustrated by charts, or models, or by laboratory experiments, while hints and suggestions will be freely given as to methods of study and of teaching.

The University Library is open for consultation to those who hold tickets to these Courses. The exhibition rooms of the Peabody Museum and the collections of the Art School are also open.

The price of a ticket to a course of twenty-four exercises is $20, and no course is given unless at least ten persons take it.

The following courses are given this year:

## PSYCHOLOGY AND PEDAGOGY

Professor GEORGE T. LADD :—

*The Elementary Principles of Psychology.* Fall term.

A general introduction to the study of Psychology as applied to mental development.

Professor GEORGE M. DUNCAN :—

*Educational Psychology.* Winter term.

The study of Psychology in its bearings on the training of the mind.

Assistant Professor E. HERSHEY SNEATH :—

*Educational Theory.* Spring term.

A discussion of representative systems in the History of Pedagogy.

## POLITICAL AND SOCIAL SCIENCE

Professor WILLIAM G. SUMNER :—

*Science of Society.* Fall term.

Tylor's *Anthropology* will be read in set lessons. The exercises will consist of discussions of the topics in the lessons as contributions to the Science of Society. Beyond this, Spencer's Study of Sociology will be optionally included.

Assistant Professor IRVING FISHER :—

*Money and Monetary Reform.* Winter term.

Value, Money and Credit, Monetary Laws. Monometallic, bimetallic, and paper systems of currency, with especial reference to the actual experience of the United States and other countries. The relation of money and credit to prices. The effects of the demonetization of silver. Plans for monetary reform in the United States.

Professor HENRY W. FARNAM :—

*Pauperism in its Economic Aspects.* Spring term.

The eight lectures will deal with the causes of pauperism, its economic effects, and some of the principal methods that have been used to mitigate or prevent it.

## HISTORY

Professors ARTHUR M. WHEELER and EDWARD G. BOURNE:

*General History.* Fall term.

Lecture I: The Teaching of History in the Public Schools, Professor Wheeler.

Lecture II: The Teacher's Library, Professor Bourne.

Lectures III–VII: The United States and their Relations to other Nations, Professor Wheeler.

Lecture VIII: Written Constitutions: Their Origin and Diffusion, Professor Bourne.

Professor CHARLES H. SMITH:—

*Constitutional History of the United States.* Winter term.

Eight Lectures on the Formation and Development of the Federal Constitution.

Professors GEORGE B. ADAMS and EDWARD G. BOURNE:—

*United States History.* Spring term.

Lectures I–III: English Institutions in the United States, Professor Adams.

Lectures IV–VIII: Economic and Political Questions, Professor Bourne.

Lecture IV: The Old Colonial System.

Lecture V: The Northwest Ordinance and the New Colonial System.

Lecture VI: The Rise of Democracy and Party Changes.

Lectures VII, VIII: Economic and Political Aspects of Slavery in the United States.

## ENGLISH

Professor HENRY A. BEERS:—

*Eight Comedies of Various Literary Periods.* Fall term.

1. Humour Comedy.
2. Farce.
3. Realistic Comedy.
4. Romantic Comedy.
5. Tragi-Comedy.
6. The Artificial Comedy of Manners.
7. "Classical" Comedy.
8. Satirical Comedy.

Professor ALBERT S. COOK :—

*Milton.* Winter term.

A course in the first two books of *Paradise Lost*, on the basis of Professor Cook's edition, (Leach, Shewell & Sanborn). The exercises will consist of discussions, involving careful thought on all questions suggested by the notes, and it is expected that preparation for these discussions will be thorough. A principal object of the course is to exemplify the intensive method as applied to the study of literature.

Professor THOMAS R. LOUNSBURY :—

*English Literature.* Spring term.

1. The Relation of the Elizabethan Drama to the Social and Political Life of the Times.
2. The Text of Shakspeare.
3 and 4. Shakspeare as a Dramatic Artist.
5-7. Shakspeare in Literary History.
8. The Morality of Shakspeare.

## GREEK

Professor THOMAS D. SEYMOUR :—

*Greek Literature.* Fall term.

Eight lectures.

Professor BERNADOTTE PERRIN :—

*Greek Life.* Winter term.

Eight lectures.

Professor THOMAS D. GOODELL :—

*Greek Art and Archaeology.* Spring term.

Eight lectures.

## BIOLOGY

Professor SIDNEY I. SMITH :—

*Morphology.* Fall term.

The development of the cell in animal tissues, and the structure of secreting glands. Informal lectures followed by demonstrations and examinations of specimens. This course is introductory to the following courses.

Professor RUSSELL H. CHITTENDEN :—

*Physiology.* Winter term.

The physiology of digestion. The composition and properties of the several digestive juices, with special reference to salivary, gastric, pancreatic, and intestinal digestion. Informal lectures with illustrative experiments.

Dr. ALEXANDER W. EVANS :—

*Botany.* Spring term.

The nutrition of plants. A study of the assimilative tissues and processes.

# DEPARTMENT OF THEOLOGY
## (YALE DIVINITY SCHOOL)

### FACULTY AND INSTRUCTORS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

REV. GEORGE E. DAY, D.D., *Professor of the Hebrew Language and Literature, Emeritus*

REV. SAMUEL HARRIS, D.D., LL.D., *Professor of Systematic Theology, Emeritus*

REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History, and Dean*

REV. LEWIS O. BRASTOW, D.D., *Professor of Homiletics and the Pastoral Charge*

REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of the Hebrew Language and Literature*

REV. GEORGE B. STEVENS, PH.D., D.D., *Professor of Systematic Theology*

REV. WILLIAM F. BLACKMAN, B.D., PH.D., *Professor of Christian Ethics*

REV. FRANK C. PORTER, B.D., PH.D., *Professor of Biblical Theology*

REV. BENJAMIN W. BACON, D.D., LITT.D., *Instructor in New Testament Greek*

SAMUEL S. CURRY, B.D., PH.D., *Instructor in Elocution*

### SPECIAL LECTURERS

REV. JOHN WATSON, D.D., of Liverpool, England, *Lyman Beecher Lecturer, on the Cure of Souls*

HON. EDWARD J. PHELPS, LL.D., and HON. DAVID J. BREWER, LL.D., *on Suggestions to the Ministry from the Layman's Point of View*

PROFESSOR CHARLES E. GARMAN, D.D., of Amherst College (Subject to be announced)

REV. GEORGE A. GORDON, D.D., of Boston, *on the Significance of the Ideal*

REV. GEORGE W. KNOX, D.D., of Rye, N. Y., *on the Missionary Message to the Followers of Confucius*

## TERM OF STUDY

The present annual term of study, which began on Thursday, September 24, 1896, will continue until the third Wednesday in May, 1897, when the Anniversary and the Annual Meeting of the Theological Alumni are held.

Blank forms of application for admission may be obtained by addressing the Secretary, Professor George B. Stevens. It is expected that every student will be present promptly at the beginning of the session. Rooms are assigned by lot on the day before that on which the term opens.

## CONDITIONS OF ADMISSION

The Seminary is open, on equal terms, to students of every Christian denomination. The conditions of admission are membership in some evangelical Church, or other satisfactory evidence of Christian character, and a liberal education at some College or University, or, in exceptional cases, an equivalent preparation for theological studies.

The following rules determine the admission of students to candidacy for the degree of Bachelor of Divinity:

1. Bachelors of Arts (whose course of study has included Greek) are admitted without examination as candidates for the degree of B.D.

2. Graduates holding other literary degrees than that of B.A.—such as B.S., B.L., and Ph.B.—are required to pass an examination in Greek before being admitted as candidates for the degree of B.D.

3. Other applicants for admission, whose acquirements, in the judgment of the Faculty, qualify them to pursue the course with profit, may be admitted to membership in the Institution without becoming at the outset candidates for the degree of B.D.

4. Such non-graduates as show superior scholarship in the actual work of the course may, at any time, by vote of the Faculty, become candidates for the degree of B.D.

5. Students from other Seminaries will be received to advanced standing upon the same terms as applicants for admission at the beginning of the course.

6. Students, not candidates for the degree of B.D., who shall complete the regular course satisfactorily, will receive from the Faculty a certificate testifying to this fact.

Some knowledge of the Hebrew language on the part of those entering the Junior class is desirable, and for all who have made sufficient progress in this study, advanced instruction is provided.

## COURSE OF STUDY

THE COURSE OF INSTRUCTION occupies three years, and is arranged in the following order:

### REQUIRED STUDIES IN JUNIOR YEAR

Professor CURTIS will give instruction five times a week in the grammatical principles of the Hebrew language in connection with the first eight chapters of Genesis, with the use of Harper's *Introductory Hebrew Method* as a text-book. In addition to this preliminary work, the class will read critically the remainder of Genesis and Exodus i–xxiii with the study of Hebrew Syntax and with the use of Gesenius's *Hebrew Grammar*. Exercises will also be given in reading at sight. Provision will be made for the instruction of an advanced section in Hebrew, and students who so desire will receive special instruction in the examination of the theories and results of Hexateuchal criticism. A course for the entire class will be given, once a week, in Old Testament Introduction.

Dr. BACON will give instruction three times a week in the Greek New Testament. The studies of the year will be divided as follows: (*a*) General Introduction to the New Testament, including the history and peculiarities of Hellenistic Greek, formation of the New Testament Canon, preservation of the text in manuscripts, and their use in textual criticism; one lecture a week during the first half of the year. (*b*) The principles of grammatico-historical Exegesis in practical application, two hours a week. During the first half of the year the Pauline Epistles will be thus studied on the basis of Galatians, with comparison of the Book of Acts; in the second half the same principles of exegesis will be applied in the study of the Synoptic Gospels on the basis of Mark. Essays on connected themes will be prepared by the students and discussed in the presence of the class during the second half-year.

President DWIGHT will lecture twice a week on the First Epistle of Paul to the Corinthians, with a discussion of the thoughts and teachings of the author.

Professor STEVENS will give instruction twice a week in Fundamental Theology. The Course will include an examination of the philosophical principles which underlie the defense of Theism, and an investigation of the nature and methods of divine revelation.

Professor BRASTOW will meet the class twice a week during the second half of the year. He will give a course of introductory lectures on Practical Theology, including its proper scope, its relation to other branches of Theology, the Christian conception of the Church, its final purpose as related to the Kingdom of God, its organization, the marks of its visibility, the ministerial calling, and unification of ministerial functions in the Christian pastorate. He will also lecture on, and conduct critical exercises in, the use of the Topic in preaching, making Claude's Essay upon the Composition of a Sermon a partial basis for the work.

Dr. CURRY will begin with this class a thorough course of instruction in Vocal and Elocutionary Training, which is progressive in its character and extends through the three years of study for each class. The work is so arranged that each student receives, at least once a week, criticism upon some form of expression and personal suggestions as to daily practice. A course of lessons will be given in Vocal Culture, proper action of the mind in reading and speaking, the principles of Vocal Expression and oratorical action.

REQUIRED STUDIES IN MIDDLE YEAR

Professor FISHER will give instruction three times a week on General Church History, embracing especially the branches of the subject which are not included under the History of Doctrine. They comprise the following topics: the Nature, Divisions, and Sources of Church History, with a review of the Literature on the subject; the Old or Preparatory Dispensation in its relation to Christianity; the condition of the Graeco-Roman World at the Introduction of the Gospel; the Establishment of Christianity, and the Conflicts of the Apostolic Age; the spread of Christianity, including especially the Conversion of the Roman Empire and of the Teutonic Nations; the Changes in Ecclesiastical Polity in the Early Centuries; the Organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to Civil Society in the Middle Ages; the Protestant Reformation, with its Causes and the Systems of Polity adopted by the different Protestant Churches; Christian Life, and its Characteristic Features in the Successive Eras (including the Rise and Subsequent History of Monasticism); the History of Christian Worship.

Professor STEVENS will lecture four times a week on Systematic Theology. The course will include the investigation and discussion of such topics as the Method and Sources of Theology, the Doctrine of Sacred Scripture, the Christian Idea of God and of Man, the Nature and Consequences of Sin, the Person of Christ, the Work of the Holy Spirit, the Trinity, the Atonement, the Christian Life,

the Church, and the Consummation of the Kingdom of God. In connection with these studies essays and reviews will be prepared by the students, and read and discussed in the class-room.

Professor CURTIS will read with the class twice a week selections from the Poetical and Prophetical Books of the Old Testament. Special attention will be paid to exegesis. Original work of this character will be required of the students.

Professor PORTER will lecture twice a week on the Biblical Theology of the Old Testament. The aim will be to present a general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings and in the historical course of their development. Special attention will be given to the religious faith and work of the Prophets, to the significance of the Exile, and to the character of post-exilic Judaism, including its last pre-Christian stages.

Dr. BACON will lecture twice a week on the Development of New Testament Literature, with extensive readings in the class from the earlier and later writings, designed to exhibit their relation to the times before and after the destruction of the Temple. In the first half-year the Epistles of Paul and the Synoptic Gospels will be rapidly reviewed in the light of the historical conditions, and similar study bestowed upon the Catholic Epistles and Johannine Literature in the second half-year, the object being to exhibit the literature of the New Testament as the expression of Christianity defining itself first over against Judaistic, afterwards over against Hellenistic thought.

Dr. CURRY will give an advanced course in Vocal Exercises, including practice in the rhythm and melody of speech, in Scripture and hymn reading, and in preaching and various forms of speaking.

### REQUIRED STUDIES IN SENIOR YEAR

Professor BRASTOW will give instruction five times a week, by lectures and critical exercises, in different branches of Practical Theology, as follows: he will lecture three times a week during the first term of the year on Homiletics, and once a week will meet the class in divisions for homiletic criticism. He will also, in connection with the teacher of elocution, conduct a class exercise once a week throughout the year, in the criticism of sermons. It is proposed to make these practical exercises a prominent feature in the course. He will also give private instruction, at least once during the year, to each member of the class in connection with the criticism of sermons, and will give personal aid in the study of Homiletical and General Literature. He will lecture three times a week during the last term of the year, upon Catechetics, Liturgics, Church Government, the missionary

work of the Church, the relation of the Church to the Family, the relation of the Church to the State, and the work of the Church as related to the different branches and methods of education and to problems of moral reform. He will also conduct class discussions of questions of practical interest relating to the work of the church once a week during the entire year.

Professor FISHER will give instruction three times a week, through the year, in the History of Christian Doctrine and in Symbolical Theology. The course includes an explanation of the Origin of Theology as a Science, and a Discussion of True and False Theories of the Development of Doctrine; a Survey of the Influence of Philosophy on Theology in the successive Eras; a Review of Authors in the field of Theological Literature; a History of Theological Thought in the Church, in relation to the several Doctrines of the Christian system, down to the present time; an account of the Comparative Tenets of the different religious bodies into which Christendom is divided.

Professor BLACKMAN will lecture twice a week as follows: The first third of the year, on Christian Ethics as related to Religion, to Christain Theology, and to Philosophical Ethics; the second third of the year, on Sociology as related to Christian Ethics; and the last third of the year on some important problems of American life, such as Socialism, Communism and Anarchism, Races in the United States, Immigration, the Modern City, the Wage-System, the Relations of Employer and Employed, Social Classes, the Causes, Prevention and Punishment of Crime, and University Settlements. These lectures will be supplemented by special reports and book reviews by the students.

Professor PORTER will lecture three times a week on the Biblical Theology of the New Testament. The teaching of Jesus and the different types of Apostolic teaching will be examined in their historical character and in their relations to one another and to the religious ideas of the time. The aim will be both to trace the history of religious thought in the Apostolic age and to set forth the central teachings of the New Testament in their unity. The views of important writers on the subject will be critically examined, and assistance will be given to those who wish to pursue special studies in this department.

Dr. CURRY will give instruction both in class and in private. Arrangements are made for training and practice to meet the special needs of each individual in his preparation for the duties of the preacher's office.

The choice of subject for the thesis required for graduation (see p. 273) must be made and reported to the Faculty not later than October 15, and the thesis itself must be presented not later than February 1.

## OPTIONAL COURSES FOR MIDDLE AND SENIOR YEARS

The purpose of these courses is to encourage scholarly investigation in special lines, and to train students in methods of independent study. The work will be mainly conducted after the "seminary" method of original research, and the exercises consist largely in the reading of dissertations, and in discussions by the members of the class under the direction of the instructor.

The following courses are offered for the year 1896–97:

President DWIGHT will give a course of lectures, once a week, on the Book of Revelation, having reference especially to the interpretation of the text.

Professor BRASTOW will meet members of the Middle class twice a week during the first half of the year to discuss the following topics in Homiletics: the value and methods of homiletic study, the Christian conception of preaching, preaching gifts, the influence of the age on preaching, the general characteristics of modern preaching, with critical investigation of some of the more prominent modern preachers. It is the desire of the instructor that as many of the class choose this course as may find it consistent with their other work.

Professor BRASTOW will meet members of the Senior and Middle classes once a week for the discussion of the following topics in Rhetoric: the characteristics of modern Rhetoric; the influences that condition a pulpit type of speech; the claims of rhetorical study on the attention of the preacher; methods of cultivating pulpit style; verbal, grammatical and figurative elements in pulpit style; analysis of qualities in pulpit style; analysis of didactic and persuasive methods of pulpit style.

Professor CURTIS will give instruction once a week in the Wisdom-Literature of the Old Testament.

He will also conduct, once a week, an exercise in Old Testament Textual Criticism.

Professor BLACKMAN will conduct an exercise once a week in the Historical Study of the Family, or in the study of the Social and Political Significance of the Lawgivers and Prophets of the Old Testament.

Professor PORTER will conduct an exercise once a week in the study of the Palestinian Jewish Literature and Theology of the time of Christ. The course will consist in readings from the Old Testament Apocrypha and the Jewish Pseudepigrapha, with special attention to the origin and significance of the apocalyptical element in Jewish religious history, and its relation to the beginning of Christianity.

## GRADUATE (OR FOURTH YEAR) CLASS

Into this class only those who have completed a course of three years in this or some other Theological School are admitted. It is designed to meet the wants of those who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology for one year or more, under the advice and direction of the Professors and with the helps furnished by the Reference and University libraries. Candidates for membership in this class are admitted by vote of the Faculty.

From the connection of the Divinity School with the other Departments of the University, special advantages for the prosecution of linguistic and other studies are open to students preparing for service as foreign missionaries.

The following subjects are announced for the current year, but in some cases others may be substituted for them, after consultation with the class:

I. Professor FISHER: Discussions of the Person of Christ in recent German Theology.

II. Professor BRASTOW: The Practical Theology of the Pastoral Epistles.

III. Professor CURTIS: Special Studies in Old Testament Criticism and Exegesis.

IV. Professor STEVENS: Beyschlag's New Testament Theology.

V. Professor BLACKMAN: The Ethical Teaching of the New Testament compared with that of the Hebrew Scriptures and of Greek and Roman philosophy.

VI. Professor PORTER: An historical study of the different lines of preparation, in the Old Testament and in Palestinian and Hellenistic Judaism, for the New Testament doctrine of the Person of Christ.

VII. DR. BACON: The Discourses and Parables of Jesus studied in the light of the teachings of the Jewish Synagogue.

Members of the Graduate Class are required, in all ordinary cases, to take at least three of these courses and are expected to continue their studies at the Seminary during the entire year. They are furnished with rooms free of rent, and no charge is made for instruction or for the use of libraries.

### UNIVERSITY COURSES

Students of the Divinity School are admitted to the Undergraduate and Graduate Courses of Instruction in the University, and are permitted to attend them, with the consent of the instructor in each case, on conditions prescribed by the Theological Faculty. A full list of these courses for the current year will be found on earlier pages of this catalogue.

### PUBLIC LECTURES, ETC.

Various courses of public lectures are open to all members of the University, and furnish opportunity for students to hear many of the distinguished writers and speakers of the country. Such are THE DWIGHT HALL COURSE, THE PHI BETA KAPPA COURSE, THE KENT CLUB COURSE, THE ART COURSE.

The lectures of the MECHANICS COURSE, in the Sheffield Scientific School, the UNIVERSITY CHAMBER CONCERTS, and the SYMPHONY ORCHESTRA CONCERTS are open to students at a slight charge for admission.

### CLUBS

Various voluntary associations of instructors and students exist in the University, whose meetings for the reading and discussion of papers are open to all students. Membership in these clubs is possible for those who are qualified. Of especial interest to divinity students are the SEMITIC and BIBLICAL CLUBS, the COMPARATIVE RELIGION CLUB, and the PHILOSOPHICAL CLUB.

THE SEMITIC CLUB and THE BIBLICAL CLUB are composed of instructors and students in the Divinity school and in the Department of Biblical Literature in the University. For 1896–97 it is proposed, in the Semitic Club, to make a study of extra-Biblical literature, especially of the Targums and the Talmud; in the Biblical Club the subjects will be taken from the Apocryphal writings.

### EXERCISES IN PUBLIC SPEAKING

A rhetorical exercise for all the classes is held every week, in the MARQUAND CHAPEL, in the presence of the Faculty, and under the direction of the Professor of Homiletics. Once in two weeks an address is delivered, followed by criticism and discussion. Each alternate week there is an exercise, designed for the cultivation of the power of the students in extemporaneous speaking, as well as for the discussion of subjects of practical importance.

### LEONARD BACON DEBATING CLUB

This club is designed to promote interest in important public questions and the effective discussion of them. All members of the Divinity School who are interested in public debate are eligible to membership. The club meets once a week; every alternate week the debate is held in Marquand Chapel and is public. Occasionally public addresses are given before the club by prominent men on subjects germane to its object.

### SACRED MUSIC

The "Musical Society of Yale Divinity School" has for its purpose to stimulate an interest in church music and to develop and cultivate the musical talent of the students. To this end it will aim to secure instruction in the theory and practice of church music. It has also organized a glee club, membership in which is determined by competitive examination.

The courses of instruction in the Department of Music in the University are open to Divinity students on the conditions stated in this Catalogue, pp. 248–52. These courses, under Professors Parker and Sanford, include Harmony, Counterpoint, History of Music, Composition, and Instrumentation.

## PUBLIC WORSHIP

There is daily morning worship in the MARQUAND CHAPEL. Students attend worship on the Lord's day in the College Chapel, or in any of the City Churches.

Prayer meetings of the different classes and a general prayer meeting of the Seminary are held on alternate weeks in the lecture rooms.

## LIBRARIES

The *University Library*, containing 200,000 volumes in the various departments of literature and science and many thousands of unbound pamphlets, is especially rich in its theological part, and stands in this respect among the first libraries in the country. It is open eight hours every secular day for consultation and for the drawing of books. Its Reading Room, containing books of reference and periodicals, is open throughout the day and evening. The important theological periodicals and reviews, American and foreign, are to be found in this room.

The *Linonian and Brothers Library* contains about 20,000 volumes in general literature. To these libraries the Divinity students in common with the other members of the University have access.

For a fuller notice of the advantages of this character, see the account of the Library on p. 307.

The *Reference Library* of the Divinity School, established by the late Henry Trowbridge, Esq., of New Haven, and placed in Bacon Memorial Hall, is open for consultation throughout the day and evening. It contains more than 3,000 carefully selected volumes, in every department of theological literature, and is designed to take the place, for each student, of a large and well selected private library. The latest books will be constantly added as they appear.

The valuable *Library of Church Music* belonging to the late Dr. Lowell Mason, was given to the Seminary by his family. This library, which is one of the largest of its kind in the country, is placed in West Divinity Hall.

The *Library of Foreign Missions*, recently established, containing more than five thousand volumes, of which three catalogues have been issued, is designed to embrace a full History of Modern Missions as carried on by all denominations and in all countries. Additions are constantly made to it and more than seventy of the leading American, English, and Continental missionary periodicals are regularly received.

## PHYSICAL EXERCISE

The University Gymnasium, which is complete in all its appointments, is open to the students of this Department at a small charge. The facilities offered in this connection are described on pp. 118–20.

## DIVINITY HALLS

The East Divinity Hall contains, in addition to the Lecture Rooms for the several classes, rooms for the Professors, and the Historical Library of Foreign Missions,

accommodations for about sixty students. The West Divinity Hall has, in addition to the room containing the Lowell Mason Library and also used as a social parlor, accommodations for ninety students. The rooms in these buildings are warmed by steam, and lighted by gas, and are provided with all necessary furniture, except bed-clothes, which may be brought by the occupants, or will be furnished at a moderate charge by the Janitor. The assignment of rooms to new students is made by lot on the day preceding the opening of the term, in Room B, East Divinity Hall. The rooms, to which bedrooms are attached, are, for the most part, designed for one occupant, but a considerable number are designed for two.

## PRACTICAL CHRISTIAN WORK

In connection with the New Haven City Mission, and the missions and Sunday schools of the numerous churches of the city, there is abundant opportunity for the students to engage in practical Christian work, and they are recommended to undertake such work as far as may be consistent with the prosecution of their studies. A committee of students, of which one of the Professors is chairman, has this matter in charge and undertakes to ascertain the need of such aid in the different missions and Sunday schools, as well as in the hospitals and jail, and to assign to each student that form of work which he desires. In some cases students receive pecuniary compensation for such service. During the past year more than nine-tenths of the students have been regularly engaged in work of this character, or in preaching.

By invitation of the Faculty and students, occasional lectures of an informal character, relating to the practical duties of the ministry and to different forms of philanthropic effort, are given by clergymen and others who are specially well fitted to deal with these topics.

## MISSIONARY SOCIETIES

A general Missionary Society of the Seminary, composed of Foreign, Home, and City Mission Branches, meets once in two weeks for the discussion of missionary topics. Occasional addresses are given by persons especially engaged in, or familiar with, missionary work. A Foreign Missionary Band, composed of those who contemplate service in the foreign field, holds regular meetings for the investigation and discussion of missionary subjects.

## LICENSE TO PREACH

The regular time for applying for licensure is near the close of the second year's study, before which time the members of the Seminary are not allowed to preach, except by special permission of the Faculty.

## EXPENSES AND PECUNIARY AID

Students have to make pecuniary provision for only about eight months of study annually. In the four months of vacation, from May to September, they have the opportunity to engage in Home Missionary or other work, with remuneration for their services.

The expenses of each student for the annual session of 34 weeks are $15 for care of room and other incidentals; $25 to $30 for fuel and lights, or one-half of this sum in case two students occupy the same room. No charge is made for instruction or room-rent.

The expense for board will be from $3 to $4 a week, at which prices most of the students have obtained good board during the past year.

Students of the Junior, Middle, and Senior Classes, whose circumstances require it, receive $100 a year from the income of Scholarships and other funds belonging to the School. Additional aid to the amount of about $70 annually is furnished by the Congregational Education Society to students who are members of Congregational churches. These means of assistance cover all the expenses mentioned above.

In addition to the aid mentioned above, ten scholarships of $50 each, from the William H. Fogg Scholarship Fund, are offered to members of the Junior Class. Candidates for these scholarships must be, as a rule, college graduates, and must bring evidence of a standing of at least 75 per cent. during their college course. The scholarships, in ordinary cases, will be assigned on the basis of the standing maintained by the members of the class during the year.

After the close of the second year in May, students not infrequently receive remuneration for preaching in places easily accessible.

In general, it may be said that the aid which is provided for every young man, of any evangelical denomination, who gives promise of usefulness in the ministry, is sufficient, in connection with his own efforts, to enable him to complete a course of theological study.

## PREMIUMS.

THE DOWNES PRIZES, founded in 1896 by William E. Downes, Esq., of New Haven, will be awarded to the students of the Senior and Middle classes who shall attain to the highest proficiency in the public reading of the Scriptures and of Hymns. A first prize of fifty dollars and a second prize of forty dollars will be assigned by a committee appointed by the Faculty to the two successful competitors in each of these classes.

## GRADUATE FELLOWSHIPS

A GRADUATE FELLOWSHIP was established in 1876, as a memorial of the late Mrs. Aurelia D. Hooker, of New Haven. It is assigned at graduation to that member of the class to which it is offered who, having been connected with the School during at least two years of the course and being of approved Christian character, has, in the judgment of the Faculty, acquired such proficiency in theo-

logical studies as best to qualify him for the advantages offered by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income ($600) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the School, or, in case he may prefer to do so, in Europe or Palestine. The HOOKER FELLOWSHIP was offered to the classes which entered the Divinity School in September, 1894 and 1896, and will be offered to the class which enters in September, 1898.

A SIMILAR GRADUATE FELLOWSHIP yielding $500, which has been established as a memorial of the late Mrs. Susan B. Dwight, of New Haven, and will afford to the student who shall receive it the same privileges for one year after graduation, was offered on the same conditions to the class which entered the School in September, 1895, and will be offered to the class which enters in September, 1897.

## GRADUATE SCHOLARSHIPS

Scholarship aid will, at the discretion of the Faculty, be offered to such members of the Graduating Class of this School, and to such graduates of other theological schools as shall, in the judgment of the Faculty, give promise of special success in advanced theological study.

## DEGREE

The Degree of Bachelor of Divinity is conferred by the President and Fellows of the University on all members of the School who, having been admitted by the Faculty as candidates for this degree (see p. 260), satisfactorily complete the prescribed course of study, and present an approved thesis on some topic of theology.

# DEPARTMENT OF MEDICINE
## (YALE MEDICAL SCHOOL)

### FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

MOSES C. WHITE, M.D., *Professor of Pathology*

CHARLES A. LINDSLEY, M.D., *Professor of the Theory and Practice of Medicine*

WILLIAM H. CARMALT, M.D., *Professor of the Principles and Practice of Surgery*

JAMES CAMPBELL, M.D., *Professor of Obstetrics and Diseases of Women and Children*

THOMAS H. RUSSELL, M.D., *Professor of Clinical Surgery and Surgical Anatomy*

HERBERT E. SMITH, M.D., *Professor of Chemistry, and Dean*

OLIVER T. OSBORNE, M.D., *Professor of Materia Medica and Therapeutics*

HARRY B. FERRIS, M.D., *Professor of Anatomy*

GRAHAM LUSK, PH.D., *Professor of Physiology*

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LOUIS S. DEFOREST, M.D., *Clinical Professor of Medicine*

HENRY L. SWAIN, M.D., *Clinical Professor of Diseases of the Throat and Ear*

BENJ. AUSTIN CHENEY, M.D., *Assistant Professor of Obstetrics and Diseases of Women and Children*

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### OTHER INSTRUCTORS

PROFESSOR WILLIAM H. BREWER, PH.D., *Lecturer on Sanitary Science and Public Health*

HENRY P. STEARNS, M.D., *Lecturer on Insanity*

SAMUEL B. ST. JOHN, M.D., *Lecturer on Ophthalmology*

HENRY FLEISCHNER, M.D., *Lecturer on Dermatology and Clinical Medicine*

CHARLES J. FOOTE, M.D., *Instructor in Clinical Medicine*

ARTHUR N. ALLING, M.D., *Instructor in Ophthalmology*
LOUIS B. BISHOP, M.D., *Assistant in the Medical Clinic*
CHARLES A. TUTTLE, M.D., *Lecturer on Orthopaedic Surgery*
LEONARD W. BACON, JR., M.D., *Assistant in the Surgical Clinic*
WARREN A. SPALDING, *Demonstrator of Pharmacy*
RALPH A. MCDONNELL, M.D., *Clinical Assistant in Dermatology*
ROBERT E. PECK, M.D., *Assistant in the Medical Clinic*
LEONARD C. SANFORD, M.D., *Assistant Demonstrator of Anatomy*
EDWARD S. MOULTON, M.D., *Assistant in the Medical Clinic*
ROBERT O. MOODY, M.D., *Assistant in Pathology*
CHARLES J. BARTLETT, M.D., *Instructor in Pathology and Bacteriology*
JAMES A. MOORE, M.D., *Assistant in the Medical Clinic*
WILLIAM H. PARKER, B.S., *Assistant in Chemistry*
CHAUNCEY S. LAMB, M.D., *Assistant in the Surgical Clinic*
AMBROSE K. BRENNAN, M.D., *Assistant in Obstetrics and Pediatrics*
FREDERICK N. SPERRY, M.D., *Assistant in the Medical Clinic*
WILLIAM F. VERDI, M.D., *Assistant in Obstetrics and Gynecology*

In the fall of 1810 a charter was granted to the President and Fellows of Yale College and the President and Fellows of the Connecticut Medical Society, authorizing them to unite according to the terms of certain "Articles of Union," before agreed upon, for the establishment of a medical seminary, to be styled the Medical Institution of Yale College. Two years later the School was organized, and in the fall of 1813 instruction was begun. The professors of the Faculty were appointed by the College Corporation from nominations by the Medical Society. Degrees were conferred by the College on the recommendation of the board of examiners, consisting of the members of the Faculty and an equal number appointed by the Medical Society. The instruction consisted of didactic and clinical lectures and dissections during a short winter course.

That this dual nature of the School and the method of instruction were wisely planned is shown by the position which the School took at once in the medical instruction of the time. As the years passed, changes in the relations

between practitioners and students of medicine, and even greater changes in medicine itself, demanded a different kind of instruction, and before 1879 the curriculum and the time of instruction had been much altered, but in this year a stricter entrance examination was imposed, and there was adopted a graded course extending over three years of eight months each, and including considerable laboratory instruction. The period of study has recently been increased again, so that students who entered in 1896 will receive a graded course of instruction extending over four years.

In 1884, by an agreement with the Medical Society, the authorities of the University assumed the entire control of the School. Since this time the development of the School has been rapid, not only in the number of students in attendance, but more especially in the details of the curriculum and in the equipment of the School.

Medical Hall has been entirely remodeled, and there has been erected a new Laboratory Building. New laboratories have been provided for Anatomy, Histology, Pathology, Bacteriology, Pharmacy, Chemistry, and Physiology, and they have been thoroughly equipped for the systematic work required of the students, and in some cases for research and other advanced work. The facilities for clinical instruction have also largely increased with the growth and development of the New Haven Hospital and New Haven Dispensary during this period, and especially by the more thorough organization of the clinical services.

## REQUIREMENTS FOR MATRICULATION

Candidates for admission to the first year of the course leading to the degree of Doctor of Medicine must present satisfactory testimonials of moral character from former instructors or physicians in good standing, and must pass the matriculation examinations as given below. But these examinations are not required from candidates who have received degrees in arts or science ; nor from those present-

ing certificates from the proper officer showing that they have successfully prosecuted the subjects of the examinations at some college, high school, academy, or preparatory school, approved by the Faculty as maintaining a satisfactory standard; nor from those who have passed matriculation examinations, equivalent to those required here, at some approved professional school.

## THE MATRICULATION EXAMINATIONS

The subjects of these examinations are as follows:

1. ENGLISH: An essay of about two hundred words on some familiar subject to be announced at the time of the examination.
2. LATIN: An amount equal to one year of study as indicated in Harkness' *Easy Latin Method.*
3. MATHEMATICS: The *Metric System* of weights and measures. *Algebra* as far as Quadratics.
4. PHYSICS: Gage's Elements of Physics, or some equivalent work.

These examinations are conducted in writing, and are held at the Medical School at 9 A. M., on the Thursday following Commencement, and on the Wednesday preceding the opening of the first term; also, for those conditioned at the autumn examination only, on the Wednesday preceding the opening of the second term in January.

Candidates may also be examined in June in some thirty other places where examinations are regularly held for admission to other departments of the University, on the Thursday following Commencement. Information concerning the time and place of these examinations may be ascertained by applying to the Dean three weeks in advance. A fee of five dollars is charged for admission to examinations held out of New Haven.

## ADMISSION TO ADVANCED STANDING

Students who have studied one year in some other recognized institution may be admitted to the second-year class, and those who have studied two years may be admitted to

the Junior class, but students are not received from other schools into the Senior class. Students applying for advanced standing must have pursued studies reasonably equivalent to those already pursued by the class to which they seek admission, and must pass the examinations of the first, or the first and second year, as the case may be. These examinations may be taken in June with the class by applying to the Dean at least four weeks before Commencement, or they may be taken at the time of the autumn examinations, just before the beginning of the School year in October. Graduates in Arts, Philosophy, or Science, who have pursued studies in Chemistry, Physiology, Anatomy, and Histology during their undergraduate courses may be admitted to the Second-Year Class, with certain conditions.

## TERMS AND VACATIONS

The annual sessions of the School are divided into three terms, covering thirty-four weeks, exclusive of a vacation of three weeks at Christmas and a recess at Easter of one week.

The first term begins with the first Thursday in October, and continues eleven weeks. The second term begins three weeks after the close of the first, and continues eleven weeks. The third term is twelve weeks in length, ending with Commencement. (See Calendar, p. 6.)

## THE CURRICULUM

Beginning with the class entering in 1896, four years of study will be required before graduation. Classes which entered before that date will pursue the curriculum in force at the time of entry.

The curriculum of this School is so graded as to furnish, as far as possible, a systematic presentation of the various subjects of medical study. Where a subject is pursued two years the course is a progressive one, so that work of the second year is not a repetition of that of the first.

The system of instructing chiefly by didactic lectures, which is still common in medical schools, is not followed here. Lectures are employed as best in some branches, but recitations from assigned readings in text-books, with explanatory lectures, laboratory work, and personal instruction in the clinics, constitute the main portion of the curriculum.

In the clinics, and especially in those at the Dispensary, a large amount of personal work is required of the students, who as clerks and assistants to the physicians in the various clinics participate in the daily work of the Dispensary under careful supervision.

## RESUME OF THE FOUR-YEARS' CURRICULUM

*(Subject to Modification)*

### FIRST-YEAR CLASS:

*Chemistry:* Recitations and experimental lectures in General, Organic, and Physiological Chemistry, with laboratory work in Analytical and Physiological Chemistry.

*Anatomy:* Recitations and demonstrations with laboratory work in dissection.

*Histology* and *Embryology:* Recitations and illustrated lectures with laboratory work.

*Physiology:* Lectures and demonstrations.

### SECOND-YEAR CLASS:

*Anatomy:* Recitations, demonstrations, and laboratory work in dissections.

*Physiology:* Lectures and demonstrations.

*Materia Medica* and *Pharmacy:* Recitations, lectures, and laboratory work.

*Pathology:* Recitations, demonstrations at autopsies, and laboratory work; with lectures and laboratory work in *Bacteriology.*

*Medicine:* Recitations, with attendance on general medical clinics.

*Surgery:* Lectures, with attendance on general surgical clinics.

*Obstetrics:* Recitations.

### JUNIOR CLASS:

*Pathology:* Recitations with laboratory work in Pathological Histology, and demonstrations at autopsies.

*Therapeutics:* Recitations and lectures.

*Obstetrics and Diseases of Women and Children:* Recitations and lectures, with demonstrations and practice with the manikin.

*Medicine:* Recitations and clinics with lectures, demonstrations, and practice in Physical Diagnosis. Laboratory work in Clinical Chemistry.

*Surgery:* Lectures and clinics with practice in Bandaging. Lectures on Topographical and Surgical Anatomy.

SENIOR YEAR:

*Therapeutics:* Lectures on Electricity and other special topics.

*Medicine:* Service in the Dispensary clinics. Hospital clinics. Lectures on Insanity, Toxicology, and Medical Jurisprudence, Hygiene and Public Sanitation. Lectures and clinics in Dermatology.

*Surgery:* Service in the Dispensary clinics. Hospital clinics. Operations on the cadaver. Lectures and clinics on Orthopaedic Surgery, Ophthalmology, and Diseases of Throat and Ear.

*Obstetrics and Diseases of Women and Children:* Service in the Obstetrical clinics. Lectures and clinics in Gynecology and Diseases of Children.

*Pathology:* Autopsies.

CHEMISTRY—A course of recitations and illustrated lectures on *General Chemistry* runs through the first year. Much attention is given to the fundamental principles of the science, and the relationship between the various classes of compounds. The properties of the elements and their chief compounds are illustrated by experiments and the use of a large collection. *Organic Chemistry* receives special attention, many of the typical compounds being made before the class.

*Qualitative Analysis* is taught so far as to require the students to be able to analyze a mixture of the salts of the common metals. Each student is furnished with a desk and all required apparatus and reagents. The course is systematic and is well adapted to cultivate habits of observation and the analytical method of thought. In *Quantitative Analysis* each student makes a number of typical determinations by volumetric and gravimetric methods.

The course in *Physiological Chemistry* consists of recitations and a practical laboratory study of many of the proximate principles of the animal body, and the reactions and composition of the various tissues and fluids, particularly the digestive juices and the urine.

In *Clinical Chemistry* there is a laboratory course, dealing particularly with analytical methods of value in clinical and sanitary work. The study of normal urine is then supplemented with abundant practice in the chemical and microscopical examination of pathological specimens.

ANATOMY—The general course is a progressive one covering two years, and so divided that the examinations at the end of the first year are upon Osteology, Syndesmology, and Myology, and those of the second year upon Angeiology, Neurology, and Splanchnology. Special attention is directed to the study of the brain and cerebral localizations. The recitations are fully illustrated by fine models, dissections, and the use of several hundred lantern slides. Each student of the first year is provided with a box containing the bones of the skeleton for home study. The laboratory is equipped in the most approved manner and is amply supplied with material for dissection. The students dissect under the immediate supervision of the instructor, and are required to demonstrate satisfactorily each part dissected after its completion.

*Topographical and Surgical Anatomy*—The Junior students receive instruction in the topographical and special surgical relationships of Anatomy in a course of lectures with demonstrations on the living model and the cadaver.

*Normal Histology and Embryology*—Instruction is given in the first year by a course of recitations with lectures and laboratory work. The subjects are illustrated in the class-room by drawings and lantern slides. In the laboratory each student is furnished a microscope by the School, with an outfit of all reagents and apparatus required for thorough work. He receives carefully prepared sections of the tissues and organs of the body, both in the adult and embryonic conditions, which are mounted for permanent preservation, and from which he makes drawings. He also receives fresh material, and is taught the methods of preserving and hardening them, and of making and staining sections.

PHYSIOLOGY—The course covers two years. The instruction for the first year is given in a course of lectures, with frequent written test examinations, and is devoted mainly to the general principles of the science. In the second year the subject is reviewed with especial attention to the details. The instruction for both years is fully illustrated by experiment, and is scientific in character and intended to cultivate the scientific method of thought. The new laboratory is well equipped with chemical and physical apparatus, and is designed to afford every opportunity for the student and investigator. Those fitted for advanced work are received into the laboratory, supplied with apparatus, and directed in methods of original investigation. The library of the professor in charge is freely open to those connected with the School.

MATERIA MEDICA AND THERAPEUTICS—The instruction in this department begins in the second year with recitations on Materia Medica,

and blackboard exercises on prescription-writing, with lectures on the botanical relationships of the crude drugs and the demonstration of all the drugs, salts, alkaloids, and preparations of the Pharmacopeia.

In the Junior year the recitations are devoted to the details of the physiological action of drugs and their therapeutic uses.

In the Senior year the instruction is by lectures on new drugs, electricity, and other special topics.

In performing their duties as clerks to the several Dispensary physicians, the students have a valuable opportunity to extend their practical knowledge of prescription writing and therapeutics.

*Pharmacy*—The School has a convenient and well-equipped laboratory in which students of the second year are instructed by practical exercises in the preparation and compounding of drugs.

PATHOLOGY—The instruction in Pathology consists of lectures, recitations, and laboratory work in Pathological Histology. The new laboratory is supplied with excellent microscopes, which are furnished to each student, together with all necessary apparatus and reagents for the preparation, study, and preservation of microscopical specimens of morbid tissues.

Pathological Anatomy is illustrated by a large collection of specimens and drawings, with which the museum is supplied, and supplemented by fresh pathological specimens. Students are also expected to attend all the autopsies made at the Morgue of the New Haven Hospital. This large and convenient morgue was constructed with special reference to rendering autopsies available for the instruction of students.

*Medical Jurisprudence*—Instruction in this subject is given by lectures on special topics, and by reports of the cases coming before the medical examiner and the coroner of New Haven County, and by reviews of cases occurring in the courts.

*Bacteriology*—The School has a special laboratory for the study of Bacteriology, which contains a fine equipment of modern apparatus for carrying on investigations in all lines of research regarding bacteria. There is also maintained a cabinet of cultures, both saprophytic and pathogenic. The instruction to students in the second year consists of lectures on the general characters and classification of bacteria, with demonstrations of the various methods and apparatus of bacteriological research, and laboratory work. The laboratory course includes the preparation of culture media and pure cultures, methods of staining, and other processes of bacteriological technique, especially those which have become of value in clinical diagnosis.

MEDICINE—Instruction in this department begins in the second year in a course of recitations devoted especially to the classification, eti-

ology, and clinical history of diseases. In the Junior year these subjects are reviewed with more attention to details, and to differential diagnosis and treatment. In the Senior year there are lectures on special topics, but the instruction is chiefly clinical.

The instruction in Clinical Medicine begins with the second-year students, who attend general medical clinics at the Dispensary and Hospital. This attendance is continued in the Junior year, when the students receive special instruction in *Physical Diagnosis* and also act as clerks. In the Senior year they have regular duties as assistants in the medical clinics at the Dispensary. Here they have most excellent and valuable opportunities for becoming familiar with practical medical work, for they not only come into direct contact with the patients in the examining-rooms with the physicians, but they have certain cases assigned to them for a special study. This study, on which a report is required, includes the history, symptoms, results of laboratory examinations of urine, sputum, blood, etc., where such are required, and a proposed treatment. Desks are maintained in the chemical and microscopical laboratories where Senior students may make such examinations by methods already taught them in the systematic courses.

At the Hospital at least one medical clinic is held each week by Professor DeForest or Dr. Fleischner. Opportunity is here provided for the study of those severer cases which the Dispensary service does not furnish, and care is taken to have the students see the same patient in various stages of his disease.

*Mental Diseases* receive special consideration in a course of didactic lectures and by visits to hospitals for the insane.

*Dermatology* is taught in a course of lectures and clinics at the Dispensary.

*Sanitary Science and the Public Health* receive attention in a course of lectures, which includes the elements of these subjects, with a discussion of methods in practice, and of public sanitary administration.

*Toxicology* is taught in a course of lectures, and as treated includes a discussion of the general subject-matter of the science, the statistics of the use of the different poisons, and an exposition of the chemistry and the medico-legal bearings of the ptomaines.

SURGERY—The instruction in the principles and practice of General Surgery is in a course of lectures to the Second-year and Junior classes with special lectures in the Senior year. Clinical instruction begins in the Second year with attendance on the general surgical clinics at the Dispensary and Hospital. In addition to attending these clinics, the Junior students in rotation serve as clerks. The Senior students also act as assistants in the Dispensary clinics. In performing their duties as dressers and general assistants, they have an excellent opportunity to

become familiar with the practices of modern aseptic methods. Cases requiring attention at their homes are assigned to Senior students, who are required to make full reports concerning them.

Professors Carmalt and Russell, who are of the visiting staff of the New Haven Hospital, hold weekly clinics during their terms of service, in which the advanced students are shown the cases during their whole stay in the Hospital, studying the causes which necessitate operations, where such are necessary, seeing the operations, among which are many of the most important in surgery, and observing the results of treatment.

*Ophthalmology* is taught in a course of lectures and illustrated by a large number of cases in the clinic. Each student is also personally instructed in the use of the opthalmoscope and the principles of the methods for the determination of the errors of refraction.

*Otology and Laryngology*—Instruction is given by lectures and clinics. Each student is required to make examinations with instruments, and becomes familiar with their use and with the normal and principal pathological conditions of the throat and ear.

*Bandaging and Operative Surgery*—Junior students receive instruction in the art of applying bandages in a practical course. In the Senior year there is a course in operative surgery on the cadaver.

*Orthopaedic Surgery*—A course of didactic lectures and clinical instruction in the application of plaster-of-Paris bandages and special apparatus with massage and gymnastics.

Obstetrics and Diseases of Women and Children—Instruction is given in the principles of Obstetrics by recitations and lectures. The Junior class also receives a systematic course of instruction in Operative Obstetrics by means of manikins. The Senior students are required to present full reports of cases attended by them under the supervision of the Assistant Professor of Obstetrics, and his assistants. Students lodge in the Dispensary building during their term of service in this clinic.

*Gynecology* is taught by recitations and clinics. The Senior students receive personal instruction in the methods of diagnosis and treatment in the Dispensary.

*Diseases of Children*—This important branch of medicine is taught by didactic lectures and recitations, as well as by clinical instruction at the Dispensary and Hospital.

The New Haven Hospital is situated but a short distance from the School buildings, and being the chief hospital in a large manufacturing city, which is also a considerable railroad center, its wards con-

stantly afford ample material for the illustration of disease, and furnish frequent occasion for the performance of the various surgical operations.

The new *operating theatre* is thoroughly equipped with every requisite and convenience for surgical work. The arrangements are planned with special reference to making the operations available for purposes of instruction to students.

There are four Resident Physicians, who are appointed according to the results of an examination before the medical staff. Graduates of this School frequently obtain appointments also in the hospitals of neighboring cities.

THE NEW HAVEN DISPENSARY is located on the School grounds. The service is a large one, furnishing about 12,000 cases annually, and is divided into clinics for Internal Medicine, Surgery, and the chief specialties. Each clinic has a chief and several assistant physicians. The Senior students are appointed assistants to the physicians in the several clinics in rotation. In the performance of the duties here required of them, under the strict supervision of the officers, the students receive a most valuable training in the methods of examination and treatment of patients.

## REQUIREMENTS FOR ADVANCEMENT

Students are advanced from one class to the next by a vote of the Faculty, based on their standing in the pass examinations, and on the record of their work for the year.

The *annual* pass examinations are held in June in the studies of each year, open to students of the School and candidates for admission to advanced standing. Pass examinations are also held just before the opening of the School year in October in the studies of the first, second, and Junior years; open only to students conditioned in June, and to candidates for admission to advanced standing. These *autumn* examinations are optional, and a fee is required for admission to them.

The examinations of the First year are, a practical one in Analytical Chemistry (at Christmas), and written examinations in General and Physiological Chemistry, Histology, Anatomy, and Physiology. Those at the end of the Second year are on Physiology, Anatomy, and Materia Medica. Those at the end of the Junior year are upon Pathology,

Therapeutics, Obstetrics and Diseases of Women and Children, Medicine, and Surgery. In the Senior year there are some written examinations in the specialties studied during the year, but the standing of the year depends largely upon the results of the practical examinations and the records of the students' clinical work.

## REQUIREMENTS FOR A DEGREE

To be eligible for the degree of Doctor of Medicine, every candidate must fulfill the following conditions:

I. He must be at least twenty-one years of age, and must sustain a good reputation for moral character.

II. He must have pursued medical studies for four years, and have been a student in this School for at least two years. If he has not pursued the four years' curriculum in this School, he must have taken such studies in some other recognized institution as are equivalent to the remainder of the full term of study.

III. He must have passed to the satisfaction of the Faculty the prescribed examinations of the course; and he must have presented a satisfactory thesis on some subject relating to medicine. The thesis should be presented to the Dean on the third Wednesday before Commencement.

## HONORS AND PRIZES

The degree of Doctor of Medicine *magna cum laude* will be conferred on students whose examinations and school work show distinguished merit.

The degree of Doctor of Medicine *cum laude* will be conferred on students whose examinations and school work show unusual merit.

THE CAMPBELL GOLD MEDAL is awarded to that member of the graduating class who secures the highest rank in the examinations of the course.

THE KEESE PRIZE—The income of the fund for the Keese Prize, a memorial of Hobart Keese, M.D., of the class of

1855, which amounts to about $140 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis.

Any of these honors may be withheld at the option of the Faculty.

## LIBRARY

The University Library contains about 200,000 volumes and includes the Medical Library. Medical students have the same privileges of consulting and drawing books as other students of the University.

## GYMNASIUM

The privileges of the University Gymnasium can be had on payment of the fee of $5 annually.

## FEES AND EXPENSES

FIRST YEAR:

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| Matriculation (paid but once), | $ 5.00 |
| Tuition, | 140.00 |
| Practical Anatomy (including instruction and material), | 10.00 |

SECOND YEAR:

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|---|---|
| Tuition, | $140.00 |
| Practical Anatomy (including instruction and material), | 5.00 |
| Practical Pharmacy, | 5.00 |

JUNIOR YEAR:

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| Tuition, | $140.00 |

SENIOR YEAR:

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| Tuition, | $50.00 |
| Graduation, | 30.00 |

A deposit of $5.00 is required in the Chemical Laboratory; one of $1.00 in the Histological Laboratory; and one of $3.00 in the Bacteriological Laboratory. These deposits are to cover the cost of apparatus broken by the student, and any excess above such breakage will be returned at the end of the course.

*These fees give entrance to all the instruction in the School, including not only the lectures and quizzes but the practical courses in all departments. The curriculum does not need to be supplemented by private quiz classes.*

The tuition fees for the first three years are due at the beginning of each of the three terms into which the year is divided, in instalments of $50, $50, and $40 respectively. The tuition fee for the Senior year is payable at the beginning of the first term. The graduation fee is due three weeks before Commencement.

Fees are paid to the Treasurer of the University, except those for matriculation and graduation, which are paid to the Dean.

BOND—Students who do not pay when their bills are due are required to give a bond to the Treasurer for three hundred dollars, executed by a satisfactory bondsman; a blank for this bond will be furnished on application to the Treasurer. Those who deposit such bonds will receive term-bills, with interest added, shortly before the end of each term, to be paid, on or before the commencement of the next succeeding term, and students who deposit bonds must pay all arrearages before they can receive back their bonds from the Treasurer. No degree can be conferred, nor any certificates of attendance or examination furnished, until all bills due the School are paid.

Students will be assisted in finding board and lodging by the Janitor of Medical Hall.* Prices range from four and a half dollars a week upwards.

## INSTRUCTION TO GRADUATE AND SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE IN MEDICINE

The instruction here offered to graduates in medicine is intended to meet the requirements of two classes of students: first, those who wish to review or supplement their knowledge of the regular studies of the medical curricu-

* Mr. William Blackwood, 146 York St.

lum, as taught in this School ; and second, those who wish to fit themselves in special lines of medical work, or for the duties of a medical examiner, or for medico-legal and sanitary examination.

Courses in the following subjects are specially mentioned: Experimental Physiology; Physiological Chemistry; Chemical Analysis, including General Qualitative Analysis and the Quantitative Methods as applied in medicine; Experimental Toxicology and Medico-Legal Examinations; Sanitary Analysis, including the Chemical and Bacteriological Examinations of Food, Air, Water, etc.; Practical Anatomy; Normal and Pathological Histology; General Bacteriology. But any of the regular studies may be taken, and special courses to meet the requirements of the students may be arranged at hours convenient to the instructors.

*Special Students* are not taken in the practical branches of medicine, but the studies mentioned above and the general studies of the course are open to such persons as may desire to pursue them, if by their previous studies they are prepared to profit by the instruction.

The charges for instruction will depend on the courses taken, and can be ascertained for any particular line of study by applying to the Dean.

For further information, address Professor HERBERT E. SMITH, Dean. Office hours, from 10 to 12 in Room No. 25, at the School, 150 York St.

# DEPARTMENT OF LAW

## (YALE LAW SCHOOL)

### FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

HON. FRANCIS WAYLAND, LL.D., *Dean, and Professor of English Constitutional Law*

HON. SIMEON E. BALDWIN, LL.D., *Professor of Constitutional Law, Corporations, and Wills*

HON. WILLIAM K. TOWNSEND, D.C.L., *Edward J. Phelps Professor of Contracts and Admiralty Jurisprudence*

MORRIS F. TYLER, LL.B., M.A., *Professor of General Jurisprudence*

THEODORE S. WOOLSEY, LL.B., M.A., *Professor of International Law*

GEORGE D. WATROUS, D.C.L., *Professor of Contracts, Torts, and Estates*

JOHN WURTS, LL.B., *Assistant Professor of Elementary Law, Contracts, and Real Property*

GEORGE E. BEERS, M.A., M.L., *Assistant Professor of Elementary Law and Real Property, and Secretary*

EDWARD G. BUCKLAND, LL.B., M.A., *Assistant Professor of Evidence*

### SPECIAL LECTURERS AND INSTRUCTORS

#### IN THE UNDERGRADUATE COURSE

HON. EDWARD J. PHELPS, LL.D., *Lecturer on Equity and International Law*

HON. NATHANIEL SHIPMAN, LL.D., *Lecturer on Jurisdiction of and Procedure in the United States Courts*

MARK BAILEY, M.A., *Instructor in Forensic Elocution*

JAMES B. THAYER, LL.D., *W. L. Storrs Lecturer on Municipal Law*

THOMAS THACHER, LL.B., M.A., *Lecturer on Corporation Law*

HON. SAMUEL O. PRENTICE, B.A., LL.B., *Instructor in Pleading*

JAMES M. TOWNSEND, JR., LL.B., *Lecturer on Transfer of Monetary Securities*

WILLIAM L. BENNETT, B.A., LL.B., *Instructor in Contracts*
GEORGE M. SHARP, LL.B., M.A., *Lecturer on Insurance*
C. LARUE MUNSON, LL.B., M.A., *Lecturer on the Beginnings of Practice*
JAMES H. WEBB, S.B., LL.B., *Instructor in Criminal Procedure*
HON. EDWIN B. GAGER, B.A., *Instructor in Equity*
HOWARD H. KNAPP, B.A., LL.B., *Lecturer on Connecticut Practice*
CHARLES W. PIERSON, M.A., *Instructor in New York Practice*
W. FREDERIC FOSTER, D.C.L., *Instructor in Contracts*

IN THE GRADUATE COURSE

ALBERT S. WHEELER, M.A., *Instructor in Roman Law*
ARTHUR M. WHEELER, LL.D., *Instructor in English Constitutional Law*
WILLIAM G. SUMNER, LL.D., *Instructor in Political and Social Science*
HON. DAVID TORRANCE, M.A., *Instructor in Sales and Evidence by Cases*
TALCOTT H. RUSSELL, LL.B., M.A., *Instructor in Municipal Corporations, Insurance, and Taxation*
HON. EDWARD D. ROBBINS, B.A., LL.B., *Lecturer on Medical Jurisprudence*
ARTHUR T. HADLEY, M.A., *Instructor in Railway Management and Economics of Transportation*
HON. EDWIN B. GAGER, B.A., *Instructor in Mortgages*
ROGER FOSTER, LL.B., M.A., *Lecturer on Federal Jurisprudence*
LEONARD M. DAGGETT, B.A., LL.B., *Instructor in Wills*
ROBERT C. MORRIS, D.C.L., *Instructor in the French Codes*

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PHILIP P. WELLS, B.A., *Librarian*
LORING V. STEWART, B.A., LL.B., *Assistant Librarian*
EDWARD T. BUCKINGHAM, B.A., *Assistant Librarian*
ERNEST KNAEBEL, B.A., LL.B., *Registrar*

It is the aim of the School to give to all students in its regular undergraduate course a thorough acquaintance with the general principles and rules of American law, so as to fit them for the Bar of any State; to extend to those who do not propose to become practicing lawyers, but wish to pursue some particular branches of legal or political knowledge, such assistance as they may desire; and to

offer to advanced students further instruction in all that belongs to law as a science in its widest sense. Such instruction is given in an undergraduate course, a graduate course, and special courses.

The undergraduate course is mainly devoted to the practical side of legal education, but also gives an introduction to the general ideas and sources of jurisprudence. The year of graduate instruction is mainly confined to studies of a more scientific and philosophical character, such as General and Comparative Jurisprudence, Legislation and Government, Economics, Roman Law, the French Codes, and Private International Law. Students are at liberty to take a part of this course one year and part another year, being examined at the close of each year on the studies pursued.

The Law School building faces the Green, near the College Square. It has four large lecture rooms, and separate reading and consultation rooms for the use of the students. The building is within two blocks of the Court House of New Haven County, in which two terms of the Supreme Court of Errors of Connecticut are held annually; while the Superior Court and Court of Common Pleas (the principal civil and criminal courts of the State) are also in session there almost daily, during each of the School terms; thus affording the students peculiar facilities for observing actual practice in court.

The library of the School is open until nine in the evening, and students are encouraged to examine the books on the shelves for themselves, without the intervention of the librarian. The familiarity with the reports and authorities that is thus gained the Faculty deem of great importance in accustoming the student to prepare his cases intelligently and thoroughly in his future practice.

A debating society—the Kent Club—gives a good opportunity for practice in public speaking, and the formation of class quiz-clubs, to meet in the Law School apartments, is also provided for. Those formed in the Junior year are

under the special direction of competent instructors. The discussion of legal topics, unreservedly and familiarly by the students among themselves, is promoted, and the fact that they generally come from a wide range of States renders such comparisons of ideas of special interest and value to all. The share of the School in the general advantages of the University gives the students many opportunities of broadening their views and acquiring knowledge in regard to matters outside of their strictly professional work. They may, on application to the Dean, obtain permission to be present at one or more of the special courses of instruction in the Department of Philosophy and the Arts, or the lectures on Medical Jurisprudence, Anatomy, Insanity, etc., in the Medical School, on payment of a moderate fee.

## COURSES OF INSTRUCTION

The regular course of study for candidates for the degree of LL.B, covers a period of three years. Bachelors of Arts, however, of approved colleges will be permitted to complete the three years' course in two years, if they are able to do so ; and the same privilege will be accorded to any others who in the judgment of the Faculty are qualified by their natural abilities or previous training to undertake so arduous a labor.

The general order of instruction, including both required and elective studies, is as follows :

FIRST YEAR :

Outlines of American Law; Lectures.
Elementary Law (Robinson).
Real Property (first half of Tiedeman).
Contracts, Agency, and Mercantile Law (Parsons on Contracts).
Torts (Cooley).
Pleading (Heard's *Civil Pleading*).
Evidence (Reynolds' *Principles*).
Wills ; Lectures.
Moot Courts.

*Elective*

Commercial accounts, with practical instruction in book-keeping.
Elocution; Lectures and practice.

SECOND YEAR:

Real Property (the remainder of Tiedeman).
Conveyancing; practice.
Contracts (the remainder of Parsons).
Equity (Bispham); Lectures.
Private Corporations (Morawetz).
Public Corporations; Lectures.
Criminal Law (Clark).
Criminal Procedure (Clark).
Code Pleading (Bryant).
*Habeas Corpus*, and Judgments; Lectures.
Principles of Contract (Benjamin).
Evidence (vol. i of Greenleaf).
Constitutional Law; Lectures.
Practice in the United States Courts; Lectures.
Fire Insurance; Lectures.
Estates; Lectures.
Moot Courts.

*Elective*

Roman Law; Lectures.
Elocution; Lectures and practice.
International Law; Lectures.
Local State Practice.
Code of Court Procedure of New York.

THIRD YEAR:*

Sales (Benjamin).
Wills (Schouler).
Municipal Corporations (Dillon).
Evidence (Thayer's Cases).
The Law of Electricity; Lectures.
Railroad Law (Pierce).
Practice in the United States Courts (Foster).
Mortgages (Jones).
General Jurisprudence (Holland and Markby).
Life Insurance; Lectures.
Moot Courts.

*Elective*

Medical Jurisprudence; Lectures.
Patents; Lectures.
Admiralty (Benedict).
American Diplomatic History; Lectures.
Trusts (Perry).
Railway Management; Lectures.
Elocution; Lectures and practice.

* As respects all future Junior Classes, the third year will be the last year of their undergraduate course. As respects Law School graduates entering the graduate course, it will remain on its former basis, as belonging to the graduate course, until the close of the Academic year 1897–8.

GRADUATE COURSE

FOURTH YEAR:

Roman Law.
General Jurisprudence.
Comparative Jurisprudence
Conflict of Laws.

*Elective*

Political Geography in its relations to Political History.
English Constitutional Law.
Economics of Transportation.
Public Finance: Labor Organizations.
Political History and Science; Lectures.
Economic Policy: United States Financial History.
Comparative Constitutional Government.
Political and Constitutional History of the United States.
Medieval Institutions.

The courses above outlined are subject to change from time to time, and books should not be purchased until the work is entered upon.

The method of instruction is largely that of recitations. It is the conviction of the Faculty of this Department, as well as the tradition of the University, that definite and permanent impressions concerning the principles and rules of any abstract science are best acquired by the study of standard text-books in private, followed by the examinations and explanations of the recitation-room. Hence, although certain subjects are separately taught by lectures, either because the want of proper manuals, or the constant and rapid advance of learning, or economy of time, requires the adoption of that method, care is taken that the same topics as far as practicable shall be covered by recitation work in connection with the wider branches of the law to which they belong. The study and analysis of reported cases of special importance, illustrating the development of law in its leading branches down to the present time, are also required, and many of these are separately printed by the Department and distributed for more ready consultation in connection with the different courses of instruction. The recitation hours, however, are only in part devoted to questioning the student. While this is done with sufficient thoroughness to hold him up to his work of preparation, matters not fully treated in the text-book used are presented at greater length. Ample opportunity is also afforded for a free colloquial discussion of the subject of the lesson and for the presentation and solution of the difficulties which he may have encountered in his private study. In this manner each student is brought into personal communication with the instructor in reference to his daily work, and as far as practicable, receives the benefits which would be obtained if he were placed under the individual tutorship of his professor.

The several courses of study to which the attention of the student is directed in his first and second years are intended to familiarize him with all the branches of the law which ordinarily become useful to the practitioner in his professional life. In the course embracing Elementary and Constitutional Law the fundamental conceptions which underlie all systems of jurisprudence are brought to the notice of the student and fully defined and explained; the peculiar doctrines which characterize our American Law are pointed out; the principles of constitutional government, and the special features it exhibits both in this country and in England, are discussed; and the entire body of the common law, in its four great divisions, is reduced to distinct propositions and illustrated by numerous collateral readings.

The course in Real Property includes recitations in a standard work of a general character, and, subsequently, in text-books upon special subjects. Collateral to this course are two others: one, a series of lectures on Estates, in which the law and practice in Guardianships of Infants and Incapables, and the Administration of Decedents' Estates, are considered; the other, a course of practical instruction in Conveyancing, in which the students are exercised in drawing all the instruments commonly employed in the transaction of business concerning real property.

The course on Contracts is the most extended, as it is the most important, in the School. It occupies a great part of the time of four of the professors and several of the instructors during the graduate and undergraduate courses, and embraces, among other important topics, those of Agency, Bailments, Bankruptcy and Insolvency, Bills and Notes, Consideration and Assent, Contract Liabilities of Infants and Married Women, Liens, Marine, Fire, and Life Insurance, Partnership, Sales, Shipping, Sureties, Trademarks, and Telegraphs. Collateral to this course are four others: one on Wills, in which the law of testamentary dispositions and executorship is examined; another on Patents, in which the nature of patentable inventions, the mode of issuing letters patent, and the remedies for infringement are considered; a third on Private Corporations, treating the law governing their organization, privileges, duties, and liabilities; the fourth on Public Corporations.

The course on Torts consists of recitations on that subject, from recent and approved text-books, and an analysis of leading cases, separately printed, with a running commentary by the instructor, explaining and applying the principles contained in the lesson.

The instruction in Equity embraces the whole body of Equity Jurisprudence, and is given both by recitations from a text-book and a general lecture course. It includes a special course of study in the Law of Trusts, and another in that of Mortgages.

The course on Criminal Law extends through the second year, and embraces the topics of Procedure and Evidence as well as the substantive law of Crimes.

The courses on Pleading embrace the subjects of Common Law and Code Pleading, both taught by recitation and examples, while the details of the latter are enforced by requiring the students to draw complaints, answers, etc., in cases of their own selection, and to submit them to the instructor for criticism and correction. Special instruction is also open to each student as to the leading features of the system of pleading and conveyancing in use in the State in which he expects to practice; that on the New York code of civil procedure being continued through the greater part of the second year.

The course on Evidence covers both its general rules and those applicable to each form of action. It extends over three years, recitations being supplemented by lectures amplifying and explaining in the light of modern cases the principles involved in the various topics. Collateral to this and the foregoing course are two others: one on Forensic Elocution, in which practical instruction is given in the art of public and forensic speaking; the other, lectures on Practice, covering the methods of transacting general legal business.

The course on International Law consists of lectures not only covering the general field occupied by Woolsey and Pomeroy, but treating also of any questions which may be, for the time being, exciting public attention, and which demand the application of the principles previously examined.

The course on Roman Law is an introduction to the more advanced studies of the graduate course, and, though necessarily brief, is sufficient to indicate the distinguishing features and doctrines of the civil law, and to refer to the original sources for more detailed information.

The courses of instruction in the fourth (graduate) year are designed to afford to the advanced student an opportunity to round out his legal acquirements with a knowledge of the more profound and philosophical principles of human law. The primary conceptions to which he was introduced at the commencement of his studies are again taken up and developed in a scientific method, and examined in the light of various systems of practical jurisprudence now or heretofore prevailing. In view of the limited time which can ordinarily be devoted by young men to these pursuits, the courses have been so arranged as to present these fundamental ideas as clearly and in as many applications as is possible, leaving it to future private study to enlarge the outline and complete the details of the work.

The courses on General Jurisprudence consist of lectures and recitations from such works as Holland, Markby, and Austin on Juris-

prudence, Holmes on the Common Law, etc. The graduate course on Roman Law comprises the careful study of the Institutes of Justinian, in connection with institutional works of modern authors, and the perusal of selected titles from the Digest, accompanied by oral explanations. Particular attention is devoted to this subject, and every effort is put forth to make the students familiar with the doctrines of the civil law, as well as with the technical language in which these have been expressed. The time given to Comparative Jurisprudence is ordinarily devoted to a study of the French Codes, compared with other systems of jurisprudence, particularly the Roman, English, and American, with the investigation of leading cases decided in the French and American Courts.

The lectures on Political and Social Science, Economics, etc., are given in connection with the graduate courses in the Philosophical Department of the University, and attended by the graduate students of the Law School in common with the members of that Department.

## SPECIAL STUDENTS

Special studies may be taken by students who desire some acquaintance with law as a preparation for business pursuits, and also by those, who, not intending to engage in active business, desire to acquire an enlarged acquaintance with our political and legal systems and the rules by which they are governed. The Faculty will determine in the case of each special student the studies which he can most profitably pursue. A three-years' course may be thus arranged, comprehending Roman Law and other topics of graduate study, at the conclusion of which the degree of Bachelor of Civil Law (B.C.L.) may be awarded. To special students, not taking this full course, certificates will be given, stating the time during which they have been connected with the School and the subjects on which they have passed examinations. The Faculty will decide in what cases a preliminary examination will be required.

Besides these various exercises, the undergraduate students are required, from time to time, to draft contracts, wills, and other similar instruments, the work of each being reviewed and commented upon, either in public or in private, by the instructor. Public Moot Courts, besides those

of the class quiz-clubs, are regularly held, at which one of the professors presides as judge, and the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be. Occasionally, also, cases are tried by the students before a jury of their own number, in a court regularly organized, with a full complement of judicial, clerical, and executive officers, where the proceedings are conducted in the same manner as in ordinary courts of law.

## TERMS AND VACATIONS

There are three terms in each year: the Fall Term, beginning thirteen weeks from the day after Commencement, and continuing to the Thursday before Christmas; the Winter Term, beginning in January, after a vacation of three weeks, and lasting eleven weeks; and the Spring Term, beginning after a vacation of two weeks, and continuing until Commencement. The Thanksgiving recess covers Thursday, Friday, and Saturday of Thanksgiving Day week.

## REQUIREMENTS FOR ADMISSION

### UNDERGRADUATE COURSE

Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character.

None who have not received a liberal education at some collegiate institution will be admitted until they have passed satisfactory examinations in Roman, English, and American History, and English Literature. Such a knowledge of these subjects as can be gained from Creighton's *Roman History*, Green's *Short History of the English People*, Ridpath's *History of the United States*, and Shaw's *History of English Literature*, should be sufficient to qualify the student for this examination. This

preliminary examination will also call for a fair knowledge of English Grammar and Composition, Geography, Arithmetic, and with the beginning of the year 1898–99, ability to read at sight the Latin of such authors as Caesar or Sallust. Those, however, will be excused from this examination, so far as English branches are concerned, who present a certificate that they have passed a "Regents' Examination for Law Students," conducted under the authority of the Board of Regents of the University of the State of New York.

Applicants for admission to advanced standing, as candidates for the degree of LL.B., must be at least nineteen years of age, if they seek to enter the second-year class, and at least twenty years of age, if they seek to enter the third-year class; they will receive due credit for time previously spent in other Law Schools or under competent legal instructors in an office, and for the branches of study there pursued, and upon passing satisfactory examinations on their work already done (and the required preliminary examination in cases to which it applies) will be assigned to such classes as the Faculty may deem them qualified to enter. Attorneys at Law and graduates of other Law Schools will be allowed to enter, and will be so assigned, without examination, upon consideration of the studies they have pursued and the time which has thus been occupied.

Students passing only two years at the School, and studying a third year elsewhere, either in an office or at another Law School, can select any two of the three undergraduate years for residence, subject to the regulations above prescribed for admission to advanced standing.

### GRADUATE COURSE

A change in the arrangement of the graduate course was made in 1894, by which the first year of that course will eventually become the third year of the undergraduate course, and be governed by the rules before stated.

For the years 1896–97 and 1897–98, the former arrangement will be continued, which is as follows :

The first year of the graduate course (being the third year of the regular instruction given at the School) is open, without examination, to graduates from any Law School having the degree of LL.B., or to any attorney at law who presents a certificate of a judge of the highest court in his State that he has been in active practice during the previous five years and has a creditable standing at the bar.

The last (or fourth School year) is open only to those who have received the degree of Master of Laws (M.L.) at this School or some other having an undergraduate course and a graduate course leading to such degree, similar or equivalent to that in this School. A preliminary examination upon the outlines of Roman Law and Roman History must also be passed, by all who have not taken their Bachelor's degree at a Law School where Roman Law constituted one of their studies.

[*After July 1st, 1898*, the regular graduate course can be completed in one year, and the conditions of admission will be as follows :

The graduate year will be open, without examination, to graduates from any Law School presenting any diploma granted after a course of not less than three years' previous study, or having the degree of Master of Laws (M.L.) granted previously to September 1st, 1898, by this School or some other having a graduate course leading to such degree, similar or equivalent to that in this school, existing prior to that date. A preliminary examination upon the outlines of Roman Law and Roman History must also be passed, by all who have not taken their degree at a Law School where Roman Law constituted one of their studies.]

The degree of Doctor of Civil Law (D.C.L.) may be applied for at the end of this fourth year, by those students who have been graduated at some collegiate institution, as

Bachelor of Arts, Philology, or Philosophy; or are graduates of this Law School, who attained a prescribed standard of scholarship on their examinations for their degrees; or are graduates of other law schools as above stated, and present a certificate of distinction in scholarship from their former instructors. A good knowledge of either the French or German language, as well as of Latin, is also required. In the case of students from foreign and not English-speaking countries, a good knowledge of the English language may be accepted as an equivalent for that of French or German. The Faculty will present no one for the degree of D.C.L. who has not attained a high standard of proficiency in the studies pursued.

After July 1st, 1898, the degree of Master of Laws (M.L.) will be awarded to students in the graduate course who pass a satisfactory examination, but not one of sufficient excellence to warrant the grant of a doctorate; and also to graduates of Law Schools having a course of not less than two years; or who being graduates of the Yale Law School did not attain the high standard of scholarship prescribed as above mentioned, at their final examinations prior to graduation; or to those not graduates of any collegiate institution as well as of a Law School; or to students who substitute some other branch of the graduate course for Roman Law, on their passing a satisfactory examination upon the studies pursued.

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The presentation of a satisfactory thesis, on a given topic, is also required as a condition of every degree.

## EXAMINATIONS

There will be an examination of candidates for admission to the Junior Class at the Law School in New Haven on the day before the opening of the Fall Term. In 1897 examinations for admission to the Junior Class will also be held on July 1, in Albany, N. Y., at the Albany Academy; Buffalo, N. Y., at the Buffalo High School; Chicago, Ill.,

at the Bryant & Stratton Business College; Cincinnati, O., at the Hughes High School; Cleveland, O., at the University School; Denver, Col., at the East Denver High School; Milwaukee, Wisc., at the Milwaukee Academy, 471 Van Buren street; New York City, at the Y. M. C. A. building; Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street; Pittsburg, Pa., at Shady Side Academy; Portland, Oregon, at the Bishop Scott Academy; St. Louis, Mo., at the Board of Education building; St. Paul, Minn., at the High School; San Francisco, Cal., at the Urban School, 2124 California street; Tacoma, Wash., at the Tacoma Academy; and at Washington, D. C., in the examination-room of the Civil Service Commission. Candidates who propose to be present elsewhere than at New Haven are requested to communicate with Professor George E. Beers, Secretary of the Faculty, before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven.

Regular examinations of candidates for admission to advanced standing are held at the end of the Spring Term, and at the beginning of the Fall Term. Examinations for degrees are held only at the close of the Spring Term. To students who, after two years of residence at the School, pursue their studies for a third year elsewhere, and return for their final examinations for a degree, a fee of $15 for such examinations will be charged.

## LIBRARY, PRIZES, ETC.

The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by the Hon. James E. English, M.A., in 1873), contains about nine thousand volumes, and is open daily and in the evening during term time. It embraces all the reports of Great Britain and America, with an extensive collection of text-books, and the leading legal periodicals. The students can also draw books from the general University libraries, containing over 200,000 volumes.

The following prizes are open to competition :

The TOWNSEND PRIZE (established by the Hon. James M. Townsend, in 1874), of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration at the public anniversary exercises on graduation.

The JEWELL PRIZE (established by the Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the second-year Class who receives the highest marks at his annual examination.

The BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior Class who receives the highest marks at his annual examination.

The MUNSON PRIZE (established by C. LaRue Munson, LL.B., M.A., in 1890), of fifty dollars, for the best graduating thesis by a member of the Senior Class.

The WAYLAND PRIZES (established by Professor Francis Wayland in 1890), one Prize of fifty dollars, one Prize of thirty dollars, and one Prize of twenty dollars, to those three members of the Yale Kent Club, who, at a public competitive debate, are pronounced first, second, and third in excellence as debaters.

## DEGREES

In the undergraduate course, the degree of Bachelor of Laws or Bachelor of Civil Law, as the case may be, is conferred by the Corporation upon the recommendation of the Faculty of the Department, on all students who having finished the prescribed courses of study, have passed satisfactory examinations thereon, and have submitted to the Faculty a creditable thesis on some designated legal subject. In the graduate course the degrees of Master of Laws (M.L.) and Doctor of Civil Law (D.C.L.) are conferred on those who comply with the conditions already specified on pp. 301–02.

Degrees are awarded, in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*.

Students who were members of the Department prior to July 1, 1896, will receive degrees, under the conditions existing at the date of their entrance into the School.

## EXPENSES

To those who were members of any class in the School on July 1, 1896, the fees charged will be regulated as follows:

The fees for tuition and use of the Law library in the undergraduate and first special courses are forty-five dollars for the Fall Term, thirty-five dollars for the Winter Term, and thirty-five dollars for the Spring Term, or one hundred dollars for the entire year if paid in advance; and in the graduate and second special courses, for the first year, fifty dollars for the Fall Term, forty dollars for the Winter Term, and forty dollars for the Spring Term, or one hundred and twenty-five dollars for the whole year if paid in advance; and for the second year, eighty dollars for the Fall Term, seventy dollars for the Winter Term, and seventy dollars for the Spring Term, or two hundred dollars for the whole year if paid in advance; to be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction. Where payment is not made in advance, interest will be added. All members of the Department are required to pay in advance, an annual assessment of five dollars for the use of the University library. The fee for graduation is five dollars. The tuition charges for special students vary in proportion to the amount of instruction and supervision required.

As respects all who entered the School after July 1, 1896, or may enter it hereafter, the fees charged will be regulated as follows:

The fees for tuition and use of the University and Law libraries are in the regular undergraduate course, forty-

five dollars for the Fall Term, forty dollars for the Winter Term, and forty dollars for the Spring Term, if paid each term, or one hundred and ten dollars for the entire year (if paid in advance); and in the graduate and special three-years' course eighty dollars for the Fall Term, seventy dollars for the Winter Term, and seventy dollars for the Spring Term, if paid each term, or two hundred dollars for the whole year (if paid in advance). Tuition fees, whether paid by the term or for the year, must be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction; and where payment is not made in advance, interest will be added. The fee for graduation is five dollars.

The tuition charges for special students not taking the full three-years' special course, vary in proportion to the amount of instruction and supervision required.

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Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty.

# LIBRARIES

ADDISON VANNAME, M.A., *Librarian*
FRANKLIN B. DEXTER, M.A., *Assistant Librarian*
J. SUMNER SMITH, B.A., *Assistant Librarian*
WILLIAM A. BORDEN, *Librarian of Linonian and Brothers Library*
ANNIE E. HUTCHINS, *Assistant*
HENRY R. GRUENER, *Assistant*
Mrs. HENRIETTA C. GILBERT, *Assistant*
Mrs. JESSIE C. HARGER, *Assistant*
GEORGE A. JOHNSON, *Assistant*

The Standing Committee in charge of the Library, appointed by the Corporation, consists of President DWIGHT, Professors SALISBURY, DAY, FISHER, LOUNSBURY, DANA, SEYMOUR, and FARNAM, and the Librarian.

The whole number of volumes in the several libraries of the University is about 245,000.

The UNIVERSITY LIBRARY contains about 200,000 volumes and many thousands of unbound pamphlets. For some years past the average annual increase has been more than 5,000 volumes. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number, the foreign serials alone being not less than five hundred. While designed especially for the use of the officers, resident graduates, and students of the several Departments of the University, other persons may have the privilege of consulting and, by permission of the Library Committee, of drawing books. The Library is open daily, except Sundays, in term-time, from 9 A. M. to 5 P. M.; the reference-library and reading-room is open until 9 P. M. In the Winter vacation and through July the Library is open during the morning hours, and in the rest of the Summer vacation on Monday, Wednesday, and Saturday mornings.

The new library building, erected by the munificence of the late Hon. Simeon B. Chittenden, of Brooklyn, N. Y., began to be occupied in 1890.

The LINONIAN AND BROTHERS LIBRARY, occupying the south wing of the old Library building, contains about 20,000 volumes, to which additions of several hundred volumes, chiefly of the best current literature, are annually made. It is designed primarily for the use of the students, and is open in term-time, daily, except Sundays, from 9 A. M. to 5 P. M. In vacations it is open on Monday, Wednesday, and Saturday mornings.

In addition to the periodicals received at the University Library, there will be found in the Reading-Room (in the north wing of the Library) fifty-five daily newspapers, American and Foreign, fifty-five weeklies, and eighty periodicals. This is open daily in term-time from 9 A. M. to 8 P. M. (on Sundays from 1.30 to 8 P. M.).

In Dwight Hall, which is open daily from 8 A. M. to 9 P. M., will also be found forty-five newspapers and periodicals, mostly religious, and a library of nearly 1,000 volumes selected mainly with reference to the study of the Bible.

The LAW LIBRARY, containing about 9,000 volumes, among which are included complete sets of the English, American, Irish, and Canadian Reports, is on the third floor of the Law School Building; it is open daily, until 9 P. M., in term-time.

The SHEFFIELD SCIENTIFIC SCHOOL LIBRARY, in Sheffield Hall, is a valuable collection of about 5,000 volumes, chiefly mathematical.

The TROWBRIDGE REFERENCE LIBRARY of the Divinity School, in Bacon Memorial Hall, contains over 3,000 volumes of standard and recent theological literature. It is open in term-time in the afternoons and evenings.

The LOWELL MASON LIBRARY OF CHURCH MUSIC, in West Divinity Hall, is accessible to those interested in the study of this subject. It embraces about 8,000 titles in 4,000 volumes.

The LIBRARY OF FOREIGN MISSIONS, in East Divinity Hall, contains over 3,000 volumes, with all the leading missionary periodicals.

The Art School has a Library of about five hundred volumes.

The Library of the Medical School is incorporated in the University Library.

The Library of the American Oriental Society, consisting of about four thousand books and manuscripts, is deposited in the University Library building.

# PEABODY MUSEUM OF NATURAL HISTORY

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PROFESSOR EDWARD S. DANA, PH.D.
CORNELIUS VANDERBILT, JR., B.A.

## CURATORS

OTHNIEL C. MARSH, PH.D., LL.D., *Curator of the Geological Collection*
ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

In 1866, George Peabody, of London, but of Massachusetts birth, entrusted to a board of Trustees, selected by himself, the sum of $150,000, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of this sum, $100,000 was devoted by Mr. Peabody to the erection, "on land to be given for that purpose by the President and Fellows of Yale College, of a fire-proof building," "planned with special reference to its subsequent enlargement," to be, "when completed, the property of Yale College." Of the remainder of the gift, $20,000 was set apart to "accumulate as a building fund" and $30,000 to meet by its income from investment the expenses attending "the care of the Museum, the increase of its collections, and the general interests of the departments of science before named."

Ten years later, in 1876, the first wing of the Museum—the part now standing—was completed and furnished with cases at a cost of $175,000, the whole outlay being met by

the accumulated building fund. The central part of the projected structure and the South wing—which will extend it to Library street—remain to be built whenever the means available for the purpose shall be adequate. The central part is much needed, as only a small part of the specimens secured can now be placed on exhibition in the first wing.

The first floor of the building is devoted to the department of Mineralogy and to the purposes of a large lecture-room. The minerals occupy cases in the west room, the door of which fronts the entrance to the Museum. The minerals of the Gibbs collection, deposited by Col. George Gibbs with the College in 1809–10, and purchased in 1825 at a cost of $20,000, and the extensive accumulations since made, are here preserved and for the most part on exhibition, making it one of the largest public collections in the country. The private cabinet of Professor Brush, arranged in drawers in his private room on the same story, although not open to general exhibition, adds greatly to the means of study and investigation in this department. Besides minerals, the exhibition-room contains one of the largest collections of meteorites in the country; among the specimens, there are the famous mass of meteoric iron from Texas, weighing 1635 pounds; some hundreds of meteorites, large and small, all of which came from a single fall in Iowa, in May, 1879; the interesting Weston meteorite, which fell in Weston, Connecticut, in 1807, and was soon after described at length by Professors Silliman and Kingsley; besides many others of special interest. An important recent addition is a collection of meteorites, numbering nearly one thousand, which came from the great meteoric fall of May 2, 1890, in Winnebago County, Iowa. A case in the center of the room contains the large and beautiful collection of Chinese artistic work in stone, chiefly in jade and agate, with other like objects, bequeathed by Dr. S. Wells Williams, who was for forty-three years in China as Christian philanthropist, editor, author, and attaché to the American legation, and for some years before his decease

was the Professor of Chinese in the University. The large room on the same story adjoining the Mineral room, on the north side of the hall, is arranged for mineralogical and blowpipe instruction, with desks and a students' cabinet of minerals, under the charge of Professor Penfield.

The second floor is given up to Geology and Palaeontology. The southern room contains vertebrate fossils. The latter are mostly collections made by Professor Marsh, in the Rocky-Mountain region and other parts of the West. In this room the first horizontal case to the left of the entrance contains specimens of toothed birds, mainly *Hesperornis* and *Ichthyornis*, discovered by Professor Marsh in the Cretaceous rocks of Kansas. Near by, in the first vertical case against the wall, are the bones of a large Mastodon from the Post-Pliocene of southern New York. In the second wall-case on the east side are the huge bones of the Miocene *Brontotheridae* from Dakota and Nebraska. In the two wall-cases at the southeastern corner are remains of the *Dinocerata*, large horned mammals from the Eocene of Wyoming. In the horizontal case adjoining may be seen two skeletons of gigantic Moas *(Dinornis)*, extinct birds from New Zealand. In the center of the room are part of the bones of an enormous Dinosaur *(Brontosaurus)*, sixty feet in length, from the Jurassic of Wyoming, and a large slab, standing vertically, showing the skeleton of a Mosasaur from the Chalk of Kansas. Behind this is a case containing the nearly complete skull of *Triceratops*, a gigantic Dinosaur from the Cretaceous of Wyoming. The horizontal case to the right of the entrance and the wall-case adjoining it on the west contain the remains of another Jurassic Dinosaur *(Stegosaurus)*, about thirty feet long, which, as the specimens show, had a series of very large vertical plates along the back, and four pairs of immense spines on the tail. In the lower part of the next vertical case lies part of a thigh bone of *Atlantosaurus*, the largest of Dinosaurs and of land animals yet known. A horizontal case on the south side of the room contains the feet of various animals,

and among them the bones of the feet of three-toed and four-toed horses from the Tertiary of Nebraska and Wyoming. In the wall-case south of this are remains of the extinct Irish Elk, and over the case is the skull with the large antlers complete. At the southwestern corner of the room, the wall-cases contain the bones of *Morosaurus*, another Jurassic Dinosaur. In the adjoining horizontal case is a series of Eocene fishes from Utah.

The western exhibition-room is occupied mainly by a collection of invertebrate fossils, arranged zoologically. The first vertical case on the south is devoted chiefly to fossil sponges, among which the series of *Brachiospongidae* is the most notable. Then follow two cases of corals, with many fine examples from Kentucky, Ohio, and New York. The nine succeeding cases contain collections of crinoids, trilobites, crustacea, bryozoa, and fossil shells. One case contains many type-specimens illustrating the structure and development of the trilobite. Two large wall-cases on the eastern side of the room exhibit slabs and tablets of crinoids, mostly from Indiana. A third wall-case encloses a large slab measuring four by six feet, showing nearly thirty species of fossils represented by upwards of one hundred and forty individuals. One table-case contains a series illustrative of Dana's *Manual of Geology*, and a second is devoted to recent brachiopods, of which the museum has an extensive collection. The collections of invertebrate fossils are especially in charge of Assistant Professor Beecher.

Of the large collection of foot-prints belonging to the University, only a few fine slabs are on exhibition, part of them in each of the two exhibition-rooms of the second story. One of the most interesting is a slab about twelve feet long, covered throughout with raindrop impressions, and, besides these, two series of foot-prints of biped reptiles, one line of them extending the whole length of the slab.

The third story is occupied with the zoological collections, so far as there is room for their exhibition. The general zoological collection occupies the western room ; and nearly the whole has been accumulated since Professor Verrill took charge of the department. The specimens are well arranged for exhibition and all labelled. Facing the south door stands a vertical case devoted to the Sponges, among which are many species of the siliceous or glass sponges (*Euplectella*, etc.). Beyond the sponges, twelve cases are filled with the collection of corals, which is one of the most extensive in the country. These are followed by the Echinoderms, etc. Several cases are devoted to a collection of the marine invertebrates of New England, which is nearly complete. Other cases contain special collections of the shells and corals of the Pacific Coast of America ; of the corals of Bermuda ; of the shells of Florida, etc. The collections are rich in species from the deep-sea dredgings in the Atlantic, but only a small part is on exhibition. Overhead are models of two of the huge Cephalopods of the world : one, of twice the natural size, an Octopus from California, 28 feet in diameter (between the tips of opposite arms), and the other, of natural size, a species of the Newfoundland seas, related to the Squids, having enormous eyes, and a length, from the posterior extremity to the tips of the longer arms, of 42 feet. The models were made for the zoological department by Mr. J. H. Emerton.

The southern exhibition-room of the zoological story contains a collection of skeletons in cases on its east and south sides, beginning near the door. These are deposited by Professor Marsh. The skeletons of mammals, beginning with man and the apes, occupy all the east side ; and then come the birds, reptiles, and fishes. The rest of the cases are occupied with collections of vertebrates, both mounted and alcoholic, and include a nearly complete series of the species inhabiting New England.

The second and third stories have also large laboratories and workrooms, devoted to the department represented in the exhibition-rooms of the story. Those of the second or geological story are in charge of Professor Marsh; and those of the third or zoological story, besides serving for workrooms, are for the laboratory exercises and instruction of students in General Zoology under Professor Verrill. These rooms contain also large collections of specimens arranged in drawers and trays, which are open to special students in the department.

In the fourth story is a large Archaeological collection. As the funds of the Museum are restricted to the departments of Mineralogy, Geology, and Zoology, the cases of the old Yale Cabinet were fitted up for this collection.

The basement is devoted to workrooms and storerooms, and contains a vast amount of specimens, in the departments especially of Palaeontology and Zoology. This part of the building is closed to visitors.

The exhibition-rooms are open from 9 A. M. to 6 P. M., except in the winter, when the hours are from 9 A. M. to 5 P. M. The janitor of the building is Mr. J. Rice, 92 High street.

# THE OBSERVATORY

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THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, of New Haven, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, an eight-inch Equatorial by Messrs. Grubb, of Dublin, given by the late Mr. Edward M. Reed, of New Haven, and an equatorially mounted set of Cameras for photographing meteors.

Besides its ordinary astronomical work, the Observatory maintains two public services. Continuous time-signals are transmitted from the distributing clock at the Observatory to the railroads and other parties. The Observatory offers facilities also to persons interested in accurate thermometry for the comparison of thermometers with standard instruments.

For the proper performance of these services the following equipment is in use:

1. Standard clocks, a transit instrument, chronographs, and the accessories for refined accuracy in the determination and transmission of time.

2. Apparatus for research and comparison in thermometry, including a collection of the best thermometers obtainable of the foreign makers and observatories which devote special attention to thermometric standards.

Descriptive circulars of the thermometric service may be obtained by addressing the Observatory.

By the will of Professor Elias Loomis, who died in 1889, the Observatory receives one-third of the income, and will ultimately receive the entire income, of a fund established by him and called *the Loomis Fund.* The income received is to be applied to one or more of the following objects only, namely, the payment of the salaries of observers whose time is exclusively devoted to the making of observations for the promotion of the science of astronomy, the reduction of astronomical observations, and the defraying the expense of publishing these observations and of publishing investigations based upon astronomical observations. The principal of the Loomis Fund is over three hundred thousand dollars.

# UNIVERSITY PRIZES

The JOHN A. PORTER PRIZE, of the value of two hundred and fifty dollars, established by the Kingsley Trust Association in 1872, is offered for the best English Essay on a prescribed subject. Competing essays must be handed in after the close of the Spring Recess, and the award will be announced on Commencement Day. Any person who has been pursuing a regular course for a degree in any Department during the whole of the current College year, may compete for this prize. If none of the competing essays is of sufficient merit, the prize will not be awarded.

The subjects for Essays in 1897 are as follows :—

1. The Partition of Africa among the European Powers.
2. Russia's Policy in Asia.
3. The Influence of Colonies upon National Life and Strength.
4. The Effect of Milton's Political Experiences on his Works and on English History.
5. Democracy—A Critical Study, especially of Lecky's *Democracy.*
6. The Loyalists (their position, etc.) and the War for American Independence.
7. Archbishop Laud and the Puritans.
8. The Philosophical Teaching of Browning Contrasted with that of other Poets of his time.
9. Paper Money in the American Colonies.
10. The Cultus of Poverty in the Middle Ages and Now.
11. The Alleged Appreciation of Gold.
12. Sources of the Modern English Melodrama.

The essays, which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, will be due on May 1, in the care of Dr. Wm. D. Anderson, P. O. Drawer 9, or 152 Temple street, New Haven.

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The BENNETT PRIZE, being the income of a fund of one thousand dollars, given in 1893 by James Gordon Bennett, Esq., of New York City, is awarded annually on Com-

mencement Day to that undergraduate member of the Senior class in either the Academical Department or the Sheffield Scientific School, who shall have pursued courses in Political Science and English Literature, and shall have prepared the best essay, in English prose, upon some subject of contemporaneous interest in the domestic or foreign policy of the United States government, selected by the Faculty.

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The COBDEN CLUB SILVER MEDAL is awarded annually to that undergraduate of either the Academical Department or the Sheffield Scientific School who shows the greatest proficiency in the elements of Political Economy.

# LISTS OF STUDENTS

## DEPARTMENT OF PHILOSOPHY AND THE ARTS

### GRADUATE SCHOOL

| | | |
|---|---|---|
| Dudley Chase Abbott, B.A. Wesleyan Univ. 1889 | *West Haven, Conn.* | West Haven |
| Mary Winchester Abbott, B.A. Vassar College 1894 | *West Haven, Conn.* | West Haven |
| Frederick Carhart Adams, B.A. Williams College 1895 | *Natick, Mass.* | 91 Bristol st. |
| Francis Mulliken Adams, PH.B. Yale University 1892 | *New Haven, Conn.* | 146 Edwards st. |
| John Chester Adams, B.A. Yale University 1896 | *Brookline, Mass.* | 597 P. |
| William Roderick Adams, LL.B. Yale University 1894, D.C.L. Yale University 1896 | *Bloomfield, Conn.* | 22 College st. |
| James Albert Allen, M.A. Kentucky University 1895 | *Chenault, Ky.* | 250 York st. |
| Mary Adèle Allen, B.A. Smith College 1896 | *Holyoke, Mass.* | 83 Grove st. |
| Walter Hinds Allen, B.A. Yale University 1895 | *New Haven, Conn.* | 58 W. D. |
| Gustav Albert Andreen, B.A. Augustana College 1881 and Yale University 1894 | *New Haven, Conn.* | 35 Whalley av. |
| Philip Andrew Andreen, M.A. Bethany College 1896 | *Meriden, Conn.* | 35 Whalley av. |
| Martha Austin, B.S. Smith College 1892 | *Easthampton, Mass.* | 83 Grove st. |
| William Bacon Bailey, PH.D. Yale University 1896 | *Springfield, Mass.* | 22 Lynwood st. |
| Thomas Nelson Baker, B.A. Boston University 1893, B.D. Yale University 1896 | *Malden, Mass.* | 20 E. D. |
| Edward Chauncey Baldwin, B.A. Yale University 1895 | *W. Cornwall, Conn.* | 82 Whalley av. |
| Edwin George Baldwin, B.A. Illinois College 1894 | *Mendon, Ill.* | 54 Garden st. |
| Cecil Kittredge Bancroft, B.A. Yale University 1891 | *Andover, Mass.* | 102 N. |

| | | |
|---|---|---|
| Amy Louise Barbour, B.A.<br>Smith College 1891 | *Hartford, Conn.* | 70 Whalley av. |
| George Weed Barhydt, M.A.<br>Union University 1896 | *Westport, Conn.* | Westport |
| Bayard Barnes, PH.B.<br>Yale University 1895 | *New Haven, Conn.* | 1442 Chapel st. |
| John Milton Berdan, B.A.<br>Yale University 1896 | *New York City* | 523 P. |
| Anna Hunt Billings, B.L.<br>Smith College 1891 | *Redlands, Cal.* | 70 Whalley av. |
| Leslie Dayton Bissell, PH.D.<br>Yale University 1896 | *New Haven, Conn.* | 1010 Chapel st. |
| Henry Davenport Blackwell, B.A.<br>Randolph-Macon College 1890 | *Broad Run, Va.* | 541 Howard av. |
| Bertram Borden Boltwood, PH.B.<br>Yale University 1892 | *Castleton, N. Y.* | 162 S. L. |
| Arthur Eli Booth, C.E.<br>Yale University 1893 | *Peace Dale, R. I.* | 52 Howe st. |
| George A. Booth, PH.B.<br>Univ. of Omaha 1896 | *New Haven, Conn.* | 450 Elm st. |
| Joseph Bowden, Jr., B.A.<br>Yale University 1891 | *New Haven, Conn.* | 90 Lake pl. |
| Zakar Elijah Boyajian, B.A.<br>Euphrates College 1895 | *Harpoot, Turkey* | 249 Crown st. |
| James Wallace Broatch, B.A.<br>Yale University 1891 | *Omaha, Nebr.* | 596 P. |
| Carleton Lewis Brownson, B.A.<br>Yale University 1887 | *New Haven, Conn.* | 79 Edwards st. |
| Henry Andrews Bumstead, B.A.<br>Johns Hopkins University 1891 | *New Haven, Conn.* | 203 Lawrence st. |
| Otis Gridley Bunnell, PH.B.<br>Yale University 1892 | *Burlington, Conn.* | 96 York sq. |
| Curtis Clark Bushnell, PH.D.<br>Yale University 1895 | *New Haven, Conn.* | 92 York sq. |
| Forest Emberson Calland, B.A.<br>Drury College 1893 | *Springfield, Mo.* | 200 Grove st. |
| Alexander Cameron, B.A.<br>Carleton College 1896 | *Duluth, Minn.* | 119 W. D. |
| Henry Lewin Cannon, B.A.<br>W. Reserve Univ. 1893 and<br>Harvard University 1894 | *New Haven, Conn.* | 473 Winthrop av. |
| William Woods Chandler, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 31 High st. |
| Harvey Wood Chapman, B.A.<br>Yale University 1896 | *Bridgeport, Conn.* | Bridgeport |
| George Harry Clark, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 125 Spring st. |
| Clement George Clarke, B.A.<br>Yale University 1895 | *Manhattan, Kan.* | 219 York st. |

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|---|---|---|
| Edward Day Collins, B.A.<br>Yale University 1896 | *Barton Landing, Vt.* | 61 Garden st. |
| William Eugene Conklin, B.A.<br>Trinity College 1893 | *Hartford, Conn.* | 9 Vernon st. |
| Hollie May Conrey, B.S.<br>Natl. Normal Univ. 1893, B.A.<br>Natl. Normal Univ. 1894 | *Lebanon, O.* | 276 Orange st. |
| Alberta Linton Corbin, B.A.<br>Univ. of Kansas 1893 | *Lawrence, Kansas* | 78 Dwight st. |
| William Lee Corbin, B.A.<br>Amherst College 1896 | *Homer, N. J.* | 85 W. D. |
| Harlan Creelman, B.D.<br>Yale University 1889,<br>PH.D. Yale University 1894 | *New Haven, Conn.* | 183 Lawrence st. |
| Daniel Floyd Culler, B.A.<br>Pennsylvania College 1893 | *Apollo, Pa.* | 563 Howard av. |
| Johannes Heinrich Cuntz, C.E.<br>Renss. Polytechnic Inst. 1886,<br>M.E. Stevens Inst. 1887 | *Hoboken, N. J.* | 90 High st. |
| Anna Alice Cutler, M.A.<br>Smith College 1889,<br>PH.D. Yale University 1896 | *New Haven, Conn.* | 284 Orange st. |
| Eleanor Evelyn Cutler, B.A.<br>Smith College 1892 | *New Haven, Conn.* | 284 Orange st. |
| William Watts Davidson, B.A.<br>Yadkin College 1880,<br>B.D. Yale University 1888 | *Gibsonville, N. C.* | 343 George st. |
| Arthur Ernest Davies, B.D.<br>Yale University 1891 | *London, England* | 105 Humphrey st. |
| Henry Davies, B.D.<br>Yale University 1888 | *New Haven, Conn.* | 32 Asylum st. |
| Arthur Louis Day, PH.D.<br>Yale University 1894 | *New Haven, Conn.* | 25 High st. |
| Roger Sherman Day, Jr., B.A.<br>Pomona College 1894 | *Los Angeles, Cal.* | 61 W. D. |
| Lee Maltby Dean, B.A.<br>Yale University 1896 | *Bridgeport, Conn.* | Bridgeport |
| Lee DeForest, PH.B.<br>Yale University 1899 | *Talladega, Ala.* | 387 Temple st. |
| Elizabeth Street Dickerman, B.A.<br>Smith College 1894,<br>PH.D. Yale University 1896 | *New Haven, Conn.* | 15 Lake pl. |
| Sherwood Owen Dickerman, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 582 P. |
| Schmucker Duncan, B.A.<br>Pennsylvania College 1891,<br>M.A. Yale University 1894 | *Gettysburg, Pa.* | 91 W. D. |
| John Cyrus Duncanson, B.A.<br>Colgate University 1879 | *Wakefield, R. I.* | 701 Chapel st. |

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|---|---|---|
| John Joseph Dunn, B.A. Yale University 1895 | *New Haven, Conn.* | 921 Grand av. |
| Harry Westbrook Dunning, B.A. Yale University 1894 | *Boston, Mass.* | 322 Orchard st. |
| Edward Lewis Durfee, B.A. Yale University 1896 | *Palmyra, N. Y.* | 19 Lynwood st. |
| George Francis Eaton, B.A. Yale University 1894 | *New Haven, Conn.* | 70 Sachem st, |
| John Warren Edgerton, B.A. Trinity College 1894, M.A. Yale University 1896 | *Middletown, Conn.* | Middletown |
| Jay Glover Eldridge, B.A. Yale University 1896 | *Penfield, N. Y.* | 348 Orange st. |
| Lucy Elson, B.A. Vassar College 1885 | *New Haven, Conn.* | 79 Pearl st. |
| S. Laura Ensign, B.A. State Univ. of Iowa 1876 | *New Hartford, Iowa* | 16 York sq. |
| Evore Evans, B.D. Yale University 1895 | *Ellsworth, Conn.* | 73 Howe st. |
| Charles Kingsley Fankhauser, B.A. Marietta College 1893, B.D. Yale University 1896 | *Avon, Conn.* | 121 Dwight st. |
| Hollon Augustus Farr, B.A. Yale University 1896 | *Athol, Mass.* | Jena, Germany |
| William Henry Ferris, B.A. Yale University 1895 | *New Haven, Conn.* | 87 Eaton st. |
| Harry Ward Foote, PH.B. Yale University 1895 | *New Haven, Conn.* | 162 S. L. |
| John Marshall Gaines, B.A. Yale University 1896 | *New Haven, Conn.* | 529 P. |
| Henri Comstock Garneau, B.A. St. Louis University 1893, PH.B. Yale University 1895 | *St. Louis, Mo.* | 46 College st. |
| William John Gies, M.S. Pennsylvania College 1896, PH.B. Yale University 1894 | *Manheim, Pa.* | 2 Hillhouse av. |
| George Wilbur Fiske Gillette, PH.B. Yale University 1896 | *New Haven, Conn.* | 9 Eld st. |
| William Anthony Granville, PH.B. Yale University 1893 | *New Haven, Conn.* | 487 Orange st. |
| Gervase Green, B.A. Yale University 1894 | *New Haven, Conn.* | 136 Sherman av. |
| Herbert Ernest Gregory, B.S. Gates College 1890, B.A. Gates 1895 and Yale Univ. 1896 | *Neligh, Nebr.* | 74 Lake pl. |
| Matthew Griswold, Jr., PH.B. Yale University 1888 | *Erie, Pa.* | A. |
| Grace Guthrie, B.A. Bucknell Univ. 1894 | *Pottsville, Pa.* | 1157 Chapel st. |

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|---|---|---|
| William Henry Hackett, B.A. Yale University 1893 | *New Haven, Conn.* | 143 West st. |
| Josiah Harmar, PH.B. Yale University 1892 | *Philadelphia, Pa.* | A. |
| Ella Isabel Harris, M.A. Waynesburg College 1892 | *Westfield, N. J.* | 45 Lake pl. |
| Carl Axel Harström, M.A. Hobart College 1889 | *Norwalk, Conn.* | Norwalk |
| Franke Stuart Havens, B.A. Yale University 1896 | *Hartford, Conn.* | 427 Temple st. |
| Herbert Edwin Hawkes, B.A. Yale University 1896 | *New Haven, Conn.* | 61 Garden st. |
| Charlotte Williams Hazlewood, B.A. Wellesley College 1891 | *Lynn, Mass.* | 132 College st. |
| Theodore Woolsey Heermance, B.A. Yale University 1893 | *New Haven, Conn.* | 83 Wall st. |
| Yandell Henderson, B.A. Yale University 1895 | *Louisville, Ky.* | 81 Wall st. |
| Burton Jesse Hendrick, B.A. Yale University 1895 | *New Haven, Conn.* | 92 Clark st. |
| William Milton Hess, B.A. Yale University 1896 | *Philadelphia, Pa.* | 67 W. D. |
| Richard Thayer Holbrook, B.A. Yale University 1893 | *New York City* | 90 S. M. |
| Frank Thomas Hooker, B.A. Yale University 1896 | *Ontario Centre, N. Y.* | 41 High st. |
| Lemuel Robert Hopton, PH.B. Yale University 1896 | *New Haven, Conn.* | 13 Lake pl. |
| Richard Henry Hughes, B.D. Yale University 1893 | *Herkimer, N. Y.* | 52 E. D. |
| John Louis Hunt, B.A. Yale University 1895 | *Jerseyville, Ill.* | 232 York st. |
| Everett Bradley Hurlburt, PH.B. Yale University 1894 | *Roxbury, Conn.* | 145 College st. |
| Charles Anthony Ingersoll, PH.B. Yale University 1893 | *New Haven, Conn.* | 24 Elm st. |
| James W. D. Ingersoll, PH.D. Yale University 1894 | *New Haven, Conn.* | 399 B. |
| Holmes Condict Jackson, PH.B. Yale University 1896 | *Newark, N. J.* | 36 Elm st. |
| Frank Mason Jeffrey, B.A. Yale University 1896 | *Torrington, Conn.* | 204 Grove st. |
| Harry Benjamin Jepson, B.A. Yale University 1893, MUS.B. Yale University 1894 | *New Haven, Conn.* | 52 Howe st. |
| Mabel Preston Jepson, B.L. Smith College 1893 | *New Haven, Conn.* | 52 Howe st. |
| William Smythe Johnson, B.P. Ouachita Bapt. College 1890, M.A. Ouachita Bapt. College 1895 | *Arkadelphia, Ark.* | 200 Grove st. |

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|---|---|---|
| Edward Clinton Jones, B.A.<br>Yale University 1895 | *New Haven, Conn.* | 84 William st. |
| Louis Cleveland Jones, B.A.<br>Yale University 1896 | *E. Durham, N. Y.* | 427 Temple st. |
| Alfred Sewell Kedzie, PH.B.<br>Adrian College 1891,<br>B.A. Adrian College 1893 | *New Haven, Conn.* | 101 Gregory st. |
| Albert Galloway Keller, B.A.<br>Yale University 1896 | *Milford, Conn.* | 579 P. |
| George Dwight Kellogg, B.A.<br>Yale University 1895 | *Cambridge, Mass.* | 572 P. |
| Edward Gridley Kendall, B.A.<br>Yale University 1895 | *New Haven, Conn.* | 62 Lake pl. |
| James Malcolm Kendall, B.A.<br>Bucknell University 1894 and<br>Yale University 1895 | *New Haven, Conn.* | 62 Lake pl. |
| Frederick Wilkinson Kilbourne, PH.B.<br>Yale University 1894 | *Meriden, Conn.* | Meriden |
| Edward Martin Kindle, B.A.<br>Indiana University 1893,<br>M.S. Cornell University 1896 | *Franklin, Ind.* | 45 Lake pl. |
| Genevieve Bristol Kinne, B.A.<br>Univ. of Michigan 1890 | *Ypsilanti, Mich.* | 78 Lake pl. |
| Richard Shelton Kirby, PH.B.<br>Yale University 1896 | *Port Chester, N. Y.* | 317 Crown st. |
| Charles Fronefield Kloss, B.A.<br>Pennsylvania College 1894 | *Tyrone, Pa.* | 62 Lake pl. |
| Chujiso Kochi, B.S.<br>Ohio Wesleyan University 1896 | *Bingo, Japan* | 122 W. D. |
| David Albert Kreider, PH.D.<br>Yale University 1896 | *New Haven, Conn.* | 505 Elm st. |
| Maurice Lacroix,<br>Gymnase de Genève 1887 | *Geneva, Switzerland* | 1176 Chapel st. |
| John Edward Lane, B.A.<br>Yale University 1894 | *Hadley, Mass.* | Kent Laboratory |
| Joshua Larson, B.A.<br>Augustana College 1889 | *Altona, Ill.* | 149 St. John st. |
| Bertram Augustus Lenfest, B.S.<br>Mass. Inst. Technol. 1890 | *New Haven, Conn.* | 82 Dickerman st. |
| Charlton Miner Lewis, B.A.<br>Yale University 1886,<br>LL.B. Columbia College 1889 | *New Haven, Conn.* | 213 D. |
| Warren Estelle Lloyd, M.L.<br>Univ. of California 1895 | *Berkeley, Cal.* | 340 Elm st. |
| Edwin Hoyt Lockwood, M.E.<br>Yale University 1892 | *New Canaan, Conn.* | 150 College st. |
| Laura Emma Lockwood, M.A.<br>Univ. of Kansas 1894 | *Lawrence, Kansas* | 78 Dwight st. |

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| Walter Whitney Lounsbury, B.A.<br>Yale University 1894 | *New Haven, Conn.* | 22 Lincoln st. |
| Bertha E. Lovewell, B.L.<br>Washburn College 1889 | *Topeka, Kansas* | 56 Whalley av. |
| Walter Irenaeus Lowe, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 238 Whalley av. |
| Frank Ranney Luckey, B.S.<br>Cornell University 1882,<br>B.D. Yale University 1888 | *New Haven, Conn.* | 191½ Bradley st. |
| Henry Edwin McDermott, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 268 Orchard st. |
| Boynton Wells McFarland, PH.D.<br>Yale University 1896 | *New Haven, Conn.* | 420 Temple st. |
| Winfield Scott Manship, B.A.<br>Wesleyan University 1886,<br>B.D. Yale University 1889 | *S. Meriden, Conn.* | S. Meriden |
| Fred Elmer Marble, B.A.<br>University of Rochester 1887 | *Wallingford, Conn.* | 7 E. D. |
| William Crosby Marshall, M.E.<br>Yale University 1894 | *Cromwell, Conn.* | 55 N. S. H. |
| Arthur Marvin, M.A.<br>Yale University 1896 | *New Haven, Conn.* | 40 Lake pl. |
| Matataro Matsumato, B.A.<br>Imperial Univ. of Japan 1893 | *Tokyo, Japan* | 119 Park st. |
| James Denman Meeker, B.A.<br>University of California 1891 | *San Francisco, Cal.* | 574 P. |
| Alfred Kindred Merritt, B.A.<br>Yale University 1893 | *Brainerd, Minn.* | 267 L. |
| Howard Farr Metcalf, PH.B.<br>Yale University 1896 | *Holyoke, Mass.* | 46 College st. |
| Edward Eastman Minor, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 123 Columbus av. |
| William Conger Morgan, B.A.<br>Yale University 1896 | *Albany, N. Y.* | 395 Temple st. |
| Henry Hotchkiss Murray, PH.B.<br>Yale University 1893 | *Viola, Del.* | 54 Garden st. |
| Alfred Goldstein Nadler, B.A.<br>Yale University 1893,<br>M.D. Yale University 1896 | *New Haven, Conn.* | 122 Olive st. |
| Theophilus Nelson, PH.B.<br>Yale University 1892 | *New Haven, Conn.* | 57 Lake pl. |
| George Henry Nettleton, B.A.<br>Yale University 1896 | *Boston, Mass.* | 528 P. |
| Edward Kramer Nicholson, B.A.<br>Yale University 1896 | *Bridgeport, Conn.* | Bridgeport |
| Theodore Woods Noon, B.A.<br>Yale University 1896 | *Cambridge, Mass.* | 41 High st. |
| Herbert Chester Nutting, B.A.<br>Yale University 1895 | *Mt. Vernon, N. Y.* | 19 Wall st. |

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|---|---|---|
| Charles Grosvenor Osgood, Jr., B.A. Yale University 1894 | *Wellsboro, Pa.* | 130 Howe st. |
| Frederick Morgan Padelford, B.A. Colby University 1896 | *Calais, Me.* | 139 Dwight st. |
| Silas Beach Patterson, PH.B. Yale University 1894 | *Torrington, Conn.* | 55 Dwight pl. |
| Adam Pearson, LL.B. New York Law School 1894, D.C.L. Yale University 1896 | *Mt. Vernon, N. Y.* | 97 Olive st. |
| Samuel Peterson, B.A. National Normal University 1894 and Yale University 1895 | *Los Angeles, Cal.* | 55 Prospect st. |
| Isaac King Phelps, B.A. Yale University 1894 | *Thompsonville, Conn.* | Kent Lab'y. |
| George William Phillips, B.D. Yale University 1895 | *New Haven, Conn.* | 123 St. John st. |
| Walter Cogswell Pierce, M.A. Wittenberg College 1893 | *Springfield, O.* | 1179 Chapel st. |
| Jessie Durand Pierson, B.A. Vassar College 1896 | *New Haven, Conn.* | 184 Thompson st. |
| Miles Albion Pond, PH.B. Yale University 1892 | *Torrington, Conn.* | 57 Grove st. |
| Milo B. Price, B.A. Denison University 1892, PH.D. Univ. of Leipzig 1896 | *Newark, O.* | 347 Crown st. |
| Walter Franklin Prince, B.A. Yale University 1896 | *Detroit, Me.* | 83 Minor st. |
| Charles Theodore Ramsden, PH.B. Yale University 1896 | *Santiago de Cuba, Cuba* | 1040 Chapel st. |
| Frederick Archer Raymond, PH.B. Yale University 1896 | *Norwalk, Conn.* | 196 Grove st. |
| Albert Granberry Reed, B.A. Vanderbilt University 1895 | *Paducah, Ky.* | 74 Lake pl. |
| Edward Bliss Reed, PH.D. Yale University 1896 | *Holyoke, Mass.* | Paris, France |
| Chauncey Brewster Rice, PH.B. Yale University 1894 | *New Haven, Conn.* | 56 N. S. H. |
| James Caffrey Richardson, B.A. Yale University 1891 | *New Haven, Conn.* | 1204 Chapel st. |
| Maria Louise Riggs, B.A. Smith College 1882 | *Bridgeport, Conn.* | Bridgeport |
| Isaac Woodbridge Riley, B.A. Yale University 1892, B.D. Yale University 1896 | *New York City* | 31 E. D. |
| Henry Hollister Robinson, PH.B. Yale University 1895 | *Hartford, Conn.* | 297 York st. |
| Thomas Rodman, PH.B. Yale University 1896 | *New Haven, Conn.* | 165 York st. |

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|---|---|---|
| Ely Morgan Talcott Ryder, PH.B.<br>Yale University 1896 | *Danbury, Conn.* | 10 Park st. |
| Teinosuke Sakata,<br>The Doshisha, Japan, 1892 | *Kyoto, Japan* | 99 W. D. |
| William Henry Sallmon, B.A.<br>Yale University 1894 | *London, Canada* | Dwight Hall |
| Charles Edward Sargent, M.A.<br>Bates College 1887 | *New Haven, Conn.* | 187 Lawrence st. |
| Carl Emil Seashore, B.A.<br>Gustavus Adolphus Coll. 1891,<br>PH.D. Yale University 1895 | *Dayton, Iowa* | 109 Elm st. |
| George Tucker Sellew, M.A.<br>University of Rochester 1889 | *New Haven, Conn.* | 79 Lake pl. |
| Margaret Sherwood, B.A.<br>Vassar College 1886 | *Wellesley, Mass.* | 37 Howe st. |
| Lewis D. Slusser, B.S.<br>Mt. Union College 1896 | *Lorain, O.* | Bridgeport |
| Amie Isabelle Smith, B.A.<br>Cornell University 1895 | *Hartford, Conn.* | 132 College st. |
| Charles Albert Smith, B.A.<br>Yale University 1894 | *Bridgeport, Conn.* | Middletown |
| Herbert Augustine Smith, B.A.<br>Yale University 1889 | *New Haven, Conn.* | 4 Mansfield st. |
| Lyman Gorham Smith, B.A.<br>Harvard University 1892 | *Ansonia, Conn.* | Ansonia |
| Winifred Smith, B.S.<br>Elmira College 1891 | *Tioga, Pa.* | 130 Howe st. |
| Horace Mann Snyder, B.A.<br>Yale University 1895 | *New Haven, Conn.* | 1010 Chapel st. |
| Chester Stone Spencer, PH.B.<br>Yale University 1894 | *Guilford, Conn.* | A. |
| Frederick Clarence Spencer, PH.B.<br>Yale University 1893 | *Old Saybrook, Conn.* | 58 N. S. H. |
| George Pratt Starkweather, M.E.<br>Yale University 1894 | *New Haven, Conn.* | 344 Cedar st. |
| Alfred Hall Stevens, PH.B.<br>Yale University 1893 | *Clinton, Conn.* | A. |
| Charles Emerson Stone, PH.B.<br>Yale University 1889 | *Andover, Mass.* | A. |
| Frank Strong, M.A.<br>Yale University 1893 | *New Haven, Conn.* | 499 Winthrop av. |
| Wendell Melville Strong, B.A.<br>Yale University 1893,<br>M.A. Cornell University 1894 | *Montclair, N. J.* | 307 W. |
| George Stedman Sumner, B.A.<br>Pomona College 1894 and<br>Yale University 1895 | *Claremont, Cal.* | 61 W. D. |

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|---|---|---|
| Emerson Gifford Taylor, B.A. Yale University 1895 | *Hartford, Conn.* | 64 Garden st. |
| Robert Longley Taylor, B.A. Hamilton College 1882 | *New Haven, Conn.* | 67 Mansfield st. |
| Isaac Thomas, M.A. Yale University 1884 | *New Haven, Conn.* | 22 Trumbull st. |
| John Quillin Tilson, B.A. Yale University 1891, M.L. Yale University 1894 | *Clear Branch, Tenn.* | 566 P. |
| James Augustus Towle, B.A. Harvard University 1860 | *New Haven, Conn.* | 5 E. D. |
| Amasa Trowbridge, PH.B. Yale University 1891 | *New Haven, Conn.* | 685 Orange st. |
| Elisha Grant Trowbridge, PH.B. Yale University 1894 | *New Haven, Conn.* | 685 Orange st. |
| Ralph DeForest Tucker, B.A. Yale University 1895 | *Monson, Mass.* | 1010 Chapel st. |
| Willard Gibbs VanName, B.A. Yale University 1894 | *New Haven, Conn.* | 121 High st. |
| Clara Rosanna Walker, B.A. Wellesley Coll. 1886 | *Needham, Mass.* | 83 Grove st. |
| Claude Frederic Walker, B.S. Boston University 1894 | *Amherst, Mass.* | 73 Lake pl. |
| William Wood Wallace, B.A. Hamilton College 1890, B.D. Yale University 1896 | *Middletown, N. Y.* | 19 E. D. |
| Charles Henshaw Ward, B.A. Pomona College 1896 | *Carpenteria, Cal.* | 61 W. D. |
| Lulu Ware, B.S. Natl. Normal Univ. 1893 | *Eaton, O.* | 276 George st. |
| John Dorrance Warnock, B.A. Yale University 1893 | *Cheshire, Conn.* | Cheshire |
| Charles Hyde Warren, PH.B. Yale University 1896 | *Watertown, Conn.* | 53 Prospect st. |
| Chauncey Wetmore Wells, B.A. Yale University 1896 | *Middletown, Conn.* | 595 P. |
| Philip Patterson Wells, B.A. Yale University 1889 | *New Haven, Conn.* | 72 Mansfield st. |
| Jacob Westlund, B.A. College of Orebro, Sweden, 1885 | *Lindsborg, Kan.* | 59 Prospect st. |
| Arthur Leslie Wheeler, PH.D. Yale University 1896 | *New Haven, Conn.* | 73 Lake pl. |
| Lynde Phelps Wheeler, PH.B. Yale University 1894 | *New Haven, Conn.* | 150 College st. |
| Albert Beebe White, B.A. Yale University 1893 | *Holbrook, Mass.* | 104 Park st. |
| Caroline Louisa White, B.A. Mt. Holyoke College 1894 | *Brookline, Mass.* | 83 Grove st. |

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|---|---|---|
| Sarah Scovill Whittelsey, B.A. Radcliffe College 1894 | *New Haven, Conn.* 367 Prospect st. | |
| Meyer Wolodarsky, PH.B. Yale University 1894 | *New Haven, Conn.* 167 Kimberly av. | |
| Drew Smith Wood, B.A. Cornell University 1894 | *Swan, Texas* | A. |
| Sarah Elizabeth Woodbridge, B.A. Vassar College 1892 | *Brooklyn, N. Y.* | 45 Lake pl. |
| Charles Sterling Wyckoff, M.A. Rutgers College 1888 | *New Haven, Conn.* | 276 Elm st. |
| Blanche Zehring, B.S. Ohio Wesleyan Univ. 1890 | *Miamisburg, O.* | 89 Whalley av. |
| Charles Hamline Zimmerman, M.A. Northwestern University 1891 | *Evanston, Ill.* | 83 Grove st. |

GRADUATE STUDENTS, 227

# ACADEMICAL DEPARTMENT
# (YALE COLLEGE)

## SENIOR CLASS

| | | |
|---|---|---|
| Joseph William Alport | *Buffalo, N. Y.* | 403 B. |
| Herbert Bassett Augur | *Hartford, Conn.* | 103 N. |
| Wylie McLean Ayres | *Cincinnati, O.* | 27 V. |
| Samuel Denison Babcock, Jr. | *New York City* | 4 V. |
| Philip Horton Bailey | *Windsor Locks, Conn.* | 333 WH. |
| William Dwight Baldwin | *Haiku, Maui, H. I.* | 266 L. |
| William Edward Balmer | *Whitinsville, Mass.* | 94 S. M. |
| Ralph Andrews Barker | *Calais, Me.* | 357 WH. |
| Everett Larkin Barnard | *New York City* | 148 F. |
| Clinton DeVer Barnes | *Canaan, Conn.* | 357 WH. |
| Theodore Moore Barnes, Jr. | *New York City* | 9 V. |
| Thomas George Barnes | *Sing Sing, N. Y.* | 139 F. |
| Lyman Metcalfe Bass | *Denver, Col.* | 316 W. |
| William DeVerne Beach | *Bridgeport, Conn.* | 130 F. |
| Arthur Wellington Bell | *Allegheny City, Pa.* | 56 V. |
| Arthur Harry Bissell | *Montclair, N. J.* | 77 S. M. |
| Shelton Bissell | *Montclair, N. J.* | 77 S. M. |
| Francis Boardman | *Nutley, N. J.* | 305 W. |
| Alfred Guitner Bookwalter, B.A. Western College (Iowa) 1896 | *Toledo, Iowa* | 223 D. |
| Francke Huntington Bosworth, Jr. | *New York City* | 67 V. |
| McKinley Boyle | *Louisville, Ky.* | 36 V. |
| Edward Sumner Brackett | *Hartford, Conn.* | 73 S. M. |
| Arthur Judson Brewster | *Syracuse, N. Y.* | 34 Hillhouse av. |
| Robert Stanton Brewster | *New York City* | 20 V. |
| Harcourt Brigham | *Savannah, Ga.* | 404 B. |
| George Clymer Brooke | *Birdsboro, Pa.* | 20 V. |
| Frank Brookfield | *New York City* | 61 V. |
| Arthur Hallock Brown | *New Haven, Conn.* | 150 Shelton av. |
| Thatcher Magoun Brown | *New York City* | 325 W. |
| Abraham Royer Brubacher | *Shaefferstown, Pa.* | 107 N. |
| John Wesley Bryan, B.A. Baylor Univ. 1895 | *Lake Charles, La.* | 108 N. |
| Frederic Merwin Burgess | *New Haven, Conn.* | 13 V. |
| Robert Wallace Burnet, Jr. | *Cincinnati, O.* | 225 D. |
| William James Calyer | *Cronomer Valley, N. Y.* | 106 N. |
| Henry Godwin Campbell, Jr. | *Paterson, N. J.* | 3 V. |

| | | |
|---|---|---|
| Harry Wardell Carey | *Stamford, Conn.* | 314 W. |
| Robert Willets Carle | *New York City* | 67 V. |
| Charles Chadwick | *Brooklyn, N. Y.* | 311 W. |
| Charles Meigs Charnley, Jr. | *Chicago, Ill.* | Dwight Hall |
| Richard Schieffelin Chisolm | *New York City* | 293 W. |
| Willard Church | *New York City* | 284 W. |
| William Churchill | *New Britain, Conn.* | 206 D. |
| Alexander Bierce Clark | *Canton, O.* | 43 V. |
| Charles Upson Clark | *Brooklyn, N. Y.* | 148 F. |
| William Francis Clark | *Meriden, Conn.* | 100 N. |
| Thomas Ludlow Clarke | *New Orleans, La.* | 325 W. |
| Frank Macmillan Cobb | *Cleveland, O.* | 147 F. |
| Henry Sloane Coffin | *New York City* | 65 V. |
| William Henry Comley, Jr. | *Bridgeport, Conn.* | 279 L. |
| Edward Hulett Comstock | *Rome, N. Y.* | 305 W. |
| Theodore Mathew Connor | *Florence, Mass.* | 819 Chapel st. |
| James Coggswell Converse | *New York City* | 348 WH. |
| Charles Montague Cooke, Jr. | *Honolulu, H. I.* | 64 V. |
| William Gardner Cooke | *Oakland, Cal.* | 266 L. |
| Asahel Walker Cooper | *New Orleans, La.* | 228 D. |
| William Thorne Cowdrey | *New Rochelle, N. Y.* | 209 D. |
| John Oscar Creager, B.A. National Normal Univ. 1896 | *W. Manchester, O.* | 276 Orange st. |
| Franklin Muzzy Crosby | *Minneapolis, Minn.* | 19 V. |
| Frederick Baldwin Curtis | *New Milford, Conn.* | 303 W. |
| Melville Goss Curtis | *Cincinnati, O.* | 27 V. |
| George Barton Cutten, B.A. Acadia Univ. 1896 | *Amherst, Nova Scotia* | 46 Foster st. |
| William Darrach | *Germantown, Pa.* | 355 WH. |
| Joseph Lewis Davis | *Helena, Mont.* | 386 B. |
| Wirt Davis | *Dallas, Tex.* | 175 F. |
| George Parmly Day | *New York City* | 36 V. |
| Charles Brandebury DeCamp | *Cincinnati, O.* | 306 W. |
| Henry Lockwood deForest | *New York City* | 40 V. |
| Frank Courtenay Dodd | *New York City* | 277 L. |
| Charles Hamilton Doud, Jr. | *Scranton, Pa.* | 236 D. |
| George Washington Doughty | *Greenville, Tenn.* | 119 Wall st. |
| Michael Thomas Downes | *Wallingford, Conn.* | Wallingford |
| George Silas Drake, Jr. | *St. Louis, Mo.* | 44 V. |
| Arthur Joy Draper | *Washington, D. C.* | 335 WH. |
| Benjamin Franklin Eby | *Lancaster, Pa.* | 228 D. |
| Richard Fenwick Ely | *New York City* | 304 W. |
| Frederick Leverett Emmons | *E. Hartland, Conn.* | 73 S. M. |
| Charles Sumner Evans | *Pittsburg, Pa.* | 236 D. |

| | | |
|---|---|---|
| Arthur Woolsey Ewell | *Washington, D. C.* | 105 N. |
| John Louis Ewell | *Washington, D. C.* | 105 N. |
| Martin Bell Faris | *Brooklyn, N. Y.* | 15 V. |
| George Bronson Farnam | *New Haven, Conn.* | 166 F. |
| Augustine William Ferrin, Jr. | *Salamanca, N. Y.* | 15 V. |
| George Jackson Ferry, Jr. | *Mendham, N. J.* | 134 F. |
| Clarence Mann Fincke | *Brooklyn, N. Y.* | 178 LYC. |
| Henry Mark Fisher | *New Haven, Conn.* | 84 Lyon st. |
| Lucius George Fisher, Jr. | *Chicago, Ill.* | 334 WH. |
| Emerson David Fite | *Marion, O.* | 138 F. |
| Thomas Francis Fitzgerald | *Hopkinton, Mass.* | 97 N. |
| Andrew Chesley Furbush | *Machias, Me.* | 106 N. |
| Elisha Ely Garrison | *Colorado Springs, Col.* | 180 LYC. |
| Frank Patrick Garvan | *Hartford, Conn.* | 183 LYC. |
| Sumner Kemble Gerard | *New York City* | 179 LYC. |
| James Rieser Gerhard | *Douglassville, Pa.* | 356 WH. |
| Curtenius Gillette | *New York City* | 335 WH. |
| Robert Capen Gilmore | *Rutland, Vt.* | 338 WH. |
| Charles Frederick Gloth | *Erie, Pa.* | 155 F. |
| Walter Lippincott Goodwin | *New York City* | 29 V. |
| Robert DeLancey Hamilton | *Newburyport, Mass.* | 246 L. |
| Edward Stephen Harkness | *New York City* | 65 V. |
| William Augustus Hart | *New Haven, Conn.* | 13 V. |
| George Sewell Haydock | *Cincinnati, O.* | 402 B. |
| Edgar Laing Heermance | *New Haven, Conn.* | 172 F. |
| Charles Edwin Heffelfinger | *Minneapolis, Minn.* | 332 WH. |
| Charles Reed Hemenway | *Manchester, Vt.* | 356 WH. |
| William Henry Harrison Hewitt | *New Haven, Conn.* | 65 Dixwell av. |
| Ebenezer Hill, Jr. | *Danbury, Conn.* | 343 WH. |
| Rurey Frank Hill | *Kittanning, Pa.* | 97 N. |
| John Ralph Hilton | *Newburgh, N. Y.* | 182 LYC. |
| Benjamin Barrett Hinckley | *Northampton, Mass.* | 112 N. |
| Robert Stanley Hincks | *Bridgeport, Conn.* | 347 WH. |
| Louis Hinkey | *Tonawanda, N. Y.* | 316 W. |
| Philip Hinkle | *Cincinnati, O.* | 78 S. M. |
| Allen Hall Hitchcock | *Meriden, Conn.* | 100 N. |
| Charles Augustus Theodore Hoffman | *Rockville, Conn.* | 124 N. |
| Harry Leslie Morris Hoffman | *Cressona, Pa.* | 156 F. |
| Harold Goodwin Holcombe | *Hartford, Conn.* | 333 WH. |
| Gerry Rounds Holden | *Portland, Me.* | 242 L. |
| Robert Willard Holden | *Newark, N. J.* | 257 L. |
| Lorenzo William Housel | *Nichols, N. Y.* | 25 Home pl. |
| Murray Shipley Howland | *Wilmington, Del.* | 120 N. |
| Benjamin Hubbell, Jr. | *Derby, Conn.* | 156 F. |

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|---|---|---|
| William Stone Hubbell, Jr. | *Buffalo, N. Y.* | 64 V. |
| Gerald Hughes | *Denver, Col.* | 6 V. |
| Edward Hicks Hume | *Bombay, India* | 112 N. |
| Chester Jay Hunt | *Jersey City, N. J.* | 267 Orange st. |
| Louis Charles Ilfeld | *Las Vegas, N. M.* | 392 B. |
| William Julius Edward Jente | *New Haven, Conn.* | 97 Bristol st. |
| Sherman Foster Johnson | *Meriden, Conn.* | 247 L. |
| Albert Francis Judd, Jr. | *Honolulu, H. I.* | 339 WH. |
| James Robert Judd | *Honolulu, H. I.* | 339 WH. |
| Burt Bronson Kauffman | *St. Louis, Mo.* | 320 W. |
| Harold Meredith Kauffman | *St. Louis, Mo.* | 299 W. |
| Harry Mayham Keator | *Roxbury, N. Y.* | 336 WH. |
| Wendell Prime Keeler | *Washingtonville, N. Y.* | Dwight Hall |
| Edwin Ruthven Kelsey, Jr. | *Short Beach, Conn.* | 210 D. |
| Albert Emmett Kent, 2d | *New York City* | 279 L. |
| Albert Boardman Kerr | *Washington, D. C.* | 347 WH. |
| Frank Ray Kimbley | *Owensboro, Ky.* | 318 W. |
| Samuel King | *West Salamanca, N. Y.* | 410 B. |
| Cornelius Porter Kitchel | *East Liverpool, O.* | 318 W. |
| Henry Timothy Kneeland, Jr. | *Brooklyn, N. Y.* | 324 W. |
| Herman Davis Kountze | *Omaha, Nebr.* | 24 V. |
| Luther Latham Kountze | *Omaha, Nebr.* | 24 V. |
| Henry George Lapham | *New York City* | 348 WH. |
| Walter Jerome Lapham | *Glens Falls, N. Y.* | 242 L. |
| Frederick Palmer Latimer | *Montville, Conn.* | 371 WH. |
| Arthur William Lawrence | *New York City* | 1 V. |
| Charles Sam'l Leavenworth, B.A. Wesleyan Univ. 1896 | *New Haven, Conn.* | 75 Howe st. |
| Henry Ledyard | *Detroit, Mich.* | 50 V. |
| Frederick Reimold Lehlbach | *Newark, N. J.* | 346 WH. |
| Dwight Milton Lewis | *New Haven, Conn.* | 119 N. |
| James Hoyt Lewis | *Hudson, N. Y.* | 134 F. |
| Goodloe Lindsley | *Nashville, Tenn.* | 62 V. |
| James Israel Lineaweaver | *Philadelphia, Pa.* | 180 LYC. |
| Percival Clement Liscomb | *Albany, N. Y.* | 308 W. |
| William Gilman Low, Jr. | *Brooklyn, N. Y.* | 53 V. |
| Frederick Bliss Luquiens | *New Haven, Conn.* | 147 F. |
| Francis Martin Lynch | *Olyphant, Pa.* | 157 F. |
| Thomas Perkins MacBride | *Grand Rapids, Mich.* | 9 V. |
| George Bliss McCallum | *Northampton, Mass.* | 18 V. |
| Chester McVey McCance | *Pittsburg, Pa.* | 223 York st. |
| Williams Grant McCann | *Philadelphia, Pa.* | 103 Park st. |
| Frank McCoy, Jr. | *New York City* | 58 V. |
| Theodore Dwight McDonald | *New York City* | 402 B. |

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|---|---|---|
| George Stewart McFarlan | *Amsterdam, N. Y.* | 405 B. |
| LeRoy McKim | *New York City* | 324 W. |
| John Robert McNeille | *Pine Bluff, N. C.* | 72 S. M. |
| Roy McWilliams | *Chicago, Ill.* | 72 S. M. |
| Knox Maddox | *San Francisco, Cal.* | 334 WH. |
| Walter Dunham Makepeace | *Springfield, Mass.* | 120 N. |
| Arthur Robertson Manice | *New York City* | 7 V. |
| Huntington Mason | *Chicago, Ill.* | A. |
| Nathaniel Robert Mason | *North Conway, N. H.* | 217 D. |
| David Irving Mead | *Brooklyn, N. Y.* | 326 W. |
| Larkin Goldsmith Mead | *New York City* | 160 F. |
| Newton Alexander Merritt, Jr. | *Newark, N. J.* | 257 L. |
| John Vincent Miller | *Akron, O.* | 342 WH. |
| Robert Hume Miller | *New Haven, Conn.* | 133 Wall st. |
| Theodore Westwood Miller | *Akron, O.* | 342 WH. |
| Robert Doremus Mills | *East Orange, N. J.* | 6 V. |
| James Otis Moore | *Geneseo, N. Y.* | 210 D. |
| William Edgar Fleming Moore | *New York City* | 17 V. |
| Charles Frederick Mosle | *New York City* | 323 W. |
| Robert Lewis Munger | *Ansonia, Conn.* | 59 V. |
| Fred Towsley Murphy | *Junction City, Kan.* | 338 WH. |
| John Killam Murphy | *New Haven, Conn.* | 85 Sachem st. |
| Charles Frederick Neergaard | *Brooklyn, N. Y.* | 326 W. |
| Burhaus Newcombe | *New York City* | 17 V. |
| Edward Payson Newton | *Norwich, N. Y.* | 40 V. |
| Harry Edgar Nolan | *Chicago, Ill.* | 219 York st. |
| Jesse Watson Olney | *Catskill, N. Y.* | 250 Crown st. |
| William Henry Owen, Jr. | *New York City* | 53 V. |
| Harry Williams Paddock | *Springfield, Ill.* | 371 WH. |
| Hervey Coke Parke, Jr. | *Detroit, Mich.* | 313 W. |
| Julius Leonard Parke | *Cincinnati, O.* | 217 D. |
| George Lawrence Parker | *Louisville, Ky.* | 172 F. |
| Stewart Patterson | *Chicago, Ill.* | 347 WH. |
| George Barthold Pfingst | *Louisville, Ky.* | 59 V. |
| James Farnsworth Pierce, Jr. | *Brooklyn, N. Y.* | 7 V. |
| Amos Richards Eno Pinchot | *New York City* | 179 LYC. |
| Bernard Wesley Pond | *Unionville, Conn.* | 94 S. M. |
| William Frederick Porter | *New Haven, Conn.* | 350 WH. |
| Acton Poulet | *White Cloud, Kansas* | 43 V. |
| John Rush Powell, B.A. Baylor Univ. 1893 | *Austin, Tex.* | 108 N. |
| Foster Pruyn | *Albany, N. Y.* | 350 WH. |
| Francis Winthrop Pyle | *Bridgeport, Conn.* | 141 F. |
| Clarence Marsh Reed | *Stamford, Conn.* | 314 W. |

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|---|---|---|
| Walter Gordon Resor | *Cincinnati, O.* | 78 S. M. |
| Alfred Newton Richards | *Stamford, N. Y.* | 79 S. M. |
| Philip Franklin Ripley | *Andover, Mass.* | 206 D. |
| George Hadley Rountree | *Brooklyn, N. Y.* | 1 V. |
| Wallis Gibson Rowe | *Afton, N. Y.* | 89 S. M. |
| Theodore Frederic Russel | *Pottsville, Pa.* | 50 V. |
| Henry Vandyne Ryder | *Plainfield, N. J.* | 251 L. |
| Dean Sage, Jr. | *Albany, N. Y.* | 29 V. |
| DeWitt Linn Sage | *Ithaca, N. Y.* | 46 V. |
| John Cleveland Salter | *Carbondale, Ill.* | 247 L. |
| George Whitefield Samson | *Portland, Me.* | 251 L. |
| James Putnam Sawyer | *Rutland, Vt.* | 19 V. |
| Carl Herman Schultz | *Murray Hill, N. J.* | 288 W. |
| Porter Farley Sheldon | *Brooklyn, N. Y.* | 346 WH. |
| Thomas Herrick Sherrard | *Morristown, N. J.* | 229 D. |
| Arthur Charles Sherwood | *Englewood, N. J.* | 225 D. |
| Edward Movius Sicard | *Buffalo, N. Y.* | 229 D. |
| Harry Burr Siglar | *Newburgh, N. Y.* | 138 F. |
| Albert Silverstein | *Denver, Col.* | 144 F. |
| James Hervey Simpson | *St. Paul, Minn.* | 122 N. |
| Edward Laurence Smith | *Hartford, Conn.* | 157 F. |
| John Duke Smith | *Andover, Mass.* | 332 WH. |
| Nathan Ayer Smyth | *New Haven, Conn.* | 285 W. |
| George Elliott Somers, Jr. | *New Haven, Conn.* | 119 N. |
| Louis Michael Sonnenberg | *New Haven, Conn.* | 144 F. |
| Frank Edgar Spaulding | *East Norwalk, Conn.* | 139 F. |
| Raymond Chapman Spaulding | *Montclair, N. J.* | 589 P. |
| Manning Force Stires, Jr. | *Jersey City, N. J.* | 218 D. |
| Walter Hatch Stuart | *Brooklyn, N. Y.* | 62 V. |
| Charles Heitler Studinski | *Pueblo, Col.* | 218 D. |
| Graham Sumner | *New Haven, Conn.* | 322 W. |
| Dudley Vanness Sutphin | *Cincinnati, O.* | 306 W. |
| Victor Sutro | *New York City* | 209 D. |
| Herbert Leonard Sutton | *Springfield, Mass.* | 45 V. |
| Clifford Munroe Tappen | *Jamaica, N. Y.* | 79 S. M. |
| Dale Stouffer Tate | *Pittsburg, Pa.* | 313 W. |
| George Burton Taylor | *Erie, Pa.* | 183 LYC. |
| Burtis Judd Teasdale | *Westboro', Mass.* | 123 N. |
| Benjamin Augustus Thaxter | *Machias, Me.* | 123 N. |
| Charles Edward Thomas | *Belleville, Ill.* | 239 D. |
| Benjamin Franklin Carver Thompson | *Chicago, Ill.* | 3 V. |
| John Henry Thompson, Jr. | *New York City* | 293 W. |
| Edward Tillotson | *New Haven, Conn.* | 294 Lawrence st. |
| Frederick Tilney | *Brooklyn, N. Y.* | 320 W. |

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|---|---|---|
| Prince Henry Tirrell, Jr. | *South Weymouth, Mass.* | 22 V. |
| William Asahel Todd | *Unionville, Conn.* | 107 N. |
| Henry Hotchkiss Townshend | *New Haven, Conn.* | 285 W. |
| Luther Stephen Trowbridge, Jr. | *Detroit, Mich.* | 166 F. |
| Albert Phelps Tuller | *West Simsbury, Conn.* | 137 F. |
| John Butler Tytus, Jr. | *Middletown, O.* | A. |
| Robb dePeyster Tytus | *New Haven, Conn.* | 46 V. |
| George Whitman Updike, Jr. | *St. Louis, Mo.* | 336 WH. |
| Edwin Wilkes VanDeusen | *Bayonne, N. J.* | 124 N. |
| Philip VanIngen | *New York City* | 178 LYC. |
| Irving Dillaye Vann | *Syracuse, N. Y.* | 45 V. |
| Gysbert VanSteenwyk, Jr. | *La Crosse, Wisc.* | 343 WH. |
| Robert King Vibert | *Unionville, Conn.* | 103 N. |
| Minot Lester Wallace | *Derby, Conn.* | 218 D. |
| Nathaniel Waldron Wallis | *East Orange, N. J.* | 52 V. |
| Clarence Walworth | *Newton, Mass.* | 277 L. |
| Edward Twichell Ware | *Hartford, Conn.* | 239 D. |
| Karl Webb | *New York City* | 101 N. |
| Ernest Alden Wells | *Hartford, Conn.* | 104 N. |
| William Shepard Keteltas Wetmore | *Newport, R. I.* | 101 N. |
| Alexander Wheeler | *Bridgeport, Conn.* | 130 F. |
| Joseph Storer Wheelwright, 2d | *Bangor, Me.* | 122 N. |
| Norman Alton Williams | *Utica, N. Y.* | 322 W. |
| Francis Millward Wilson | *New York City* | 300 W. |
| Huntington Wilson | *Chicago, Ill.* | 319 W. |
| Worrall Wilson | *Colorado Springs, Col.* | 246 L. |
| Clarence Winter | *Indianapolis, Ind.* | 61 V. |
| John Humphrey Winterbotham | *Joliet, Ill.* | 355 WH. |
| Frank Clark Yeomans | *New York City* | 104 N. |

SENIORS, 280

## JUNIOR CLASS

| | | |
|---|---|---|
| George Haven Abbott | *Brookline, N. H.* | 281 L. |
| Thomas Allen, 3d | *St. Louis, Mo.* | 47 V. |
| Carl Emanuel Andreen | *New Haven, Conn.* | 85 S. M. |
| William Whiting Andrews, Jr. | *Cleveland, O.* | 315 W. |
| Robert Wodrow Archbald, Jr. | *Scranton, Pa.* | 205 D. |
| Herman Nathaniel Baker | *Sunapee, N. H.* | 146 F. |
| Abraham Rosecrans Baldwin | *Chicago, Ill.* | 301 W. |
| Arthur Douglas Baldwin | *Maui, H. I.* | 370 WH. |
| Carleton Henry Barclay | *Homer City, Pa.* | 159 F. |
| William Lockwood Barnett | *New Haven, Conn.* | 27 College st. |
| Ashbel Hinman Barney | *New York City* | 211 D. |
| Arthur Henry Bartlett | *Plainville, Conn.* | 101 Dwight st. |
| Samuel Eliot Bassett | *Wilton, Conn.* | 159 F. |
| Abraham Burtis Baylis, Jr. | *Brooklyn, N. Y.* | 8 V. |
| Clifford Edward Bear | *Lyons, N. Y.* | 365 WH. |
| Norman Buckingham Beecher | *Hillsboro, O.* | 375 WH. |
| Elmer Ellsworth Beeck | *New York City* | 224 D. |
| Enoch Frye Bell | *North Leominster, Mass.* | 158 F. |
| William Park Benjamin | *New London, Conn.* | 214 D. |
| Burnham Carter Benner | *Wellesley, Mass.* | 95 S. M. |
| Martin Toscan Bennett | *Hartford, Conn.* | 32 V. |
| Edgar Hayes Betts | *Lansingburgh, N. Y.* | 214 D. |
| Wyllys Rosseter Betts | *New York City* | 49 V. |
| Luther Guy Billings | *Washington, D. C.* | 125 N. |
| Hiram Bingham, Jr. | *Honolulu, H. I.* | 125 N. |
| Isaac Bliss | *New Haven, Conn.* | 85 S. M. |
| Eugene Blumenthal | *New York City* | 400 B. |
| Franklin Hendrickson Booth | *Newtown, N. Y.* | 263 L. |
| Howard Seymour Borden | *New York City* | 11 V. |
| Frank Joseph Born | *Poughkeepsie, N. Y.* | 252 L. |
| William Lodge Brett | *Matteawan, N. Y.* | 276 Elm st. |
| George Alexander Bridge | *Hazardville, Conn.* | 252 L. |
| Zenas Marston Briggs | *New Bedford, Mass.* | 401 B. |
| Howard Futhey Brinton | *Westchester, Pa.* | 31 E. D. |
| John Merritt Bromley | *New Haven, Conn.* | 101 St. John st. |
| James Coffinberry Brooks | *Cleveland, O.* | 41 V. |
| Daniel Joseph Brown | *Thompsonville, Conn.* | 95 S. M. |
| Alexander Bunce | *Hartford, Conn.* | 203 D. |
| Eugene Watson Burlingame | *Albany, N. Y.* | 398 B. |
| Jacob Burnet Burnet | *Cincinnati, O.* | 345 WH. |

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|---|---|---|
| Charles William Burnett | *Cincinnati, O.* | 283 W. |
| Noah Arthur Burr | *Winchester, Conn.* | 364 WH. |
| David DeForest Burrell | *New York City* | 208 D. |
| Eli Ives Butler | *Meriden, Conn.* | 258 L. |
| Henry Emerson Butler | *Ogontz, Pa.* | 370 WH. |
| Louis Henry Butterworth | *Brookfield, Mass.* | 252 L. |
| Dallas Cannon Byers | *Allegheny, Pa.* | 390 B. |
| Bertram Llewellyn Cadwalader | *San Francisco, Cal.* | 253 L. |
| William Patrick Callanan | *Hopkinton, Mass.* | 97 N. |
| Robert Callender | *Providence, R. I.* | 340 WH. |
| Andrews Storrs Campbell | *Enfield, Conn.* | 117 Park st. |
| Clifford Dudley Cheney | *South Manchester, Conn.* | 245 L. |
| Wilson Kelley Chisholm | *Cleveland, O.* | 2 V. |
| Augustus Wilson Clapp | *St. Paul, Minn.* | 135 F. |
| Bruce Clark | *Chicago, Ill.* | 42 V. |
| Edward Lord Clark | *New Haven, Conn.* | 398 B. |
| Horace Bushnell Clark | *Hartford, Conn.* | 328 W. |
| Orrin Melville Clark | *Whitewood, S. Dak.* | 113 N. |
| Ralph Ewing Clark | *Cincinnati, O.* | 317 W. |
| Augustus Frisbie Cleveland | *Oak Park, Ill.* | 132 F. |
| James Dickerson Coe | *Newark, N. J.* | 273 L. |
| Henry Baldwin Cogswell | *Bridgeport, Conn.* | 151 F. |
| Russell Ervin Colcord | *Peabody, Mass.* | 151 F. |
| George Anderson Colston | *Baltimore, Md.* | 530 P. |
| Molton Avery Colton | *New Haven, Conn.* | 93 S. M. |
| Gilbert Sedgwick Cowan | *Louisville, Ky.* | 287 W. |
| Nathaniel Hartley Cowdrey | *Edgewater, N. J.* | 57 V. |
| James Tilden Crane | *Newburgh, N. Y.* | 135 F. |
| Raymond Moreau Crosby | *Grand Rapids, Mich.* | 372 WH. |
| Robert Henry Crowell | *Cleveland, O.* | 23 V. |
| Henry Hastings Curran | *Englewood, N. J.* | 377 WH. |
| DeWitt Davis, Jr. | *Milwaukee, Wisc.* | 327 W. |
| Moreau Delano | *New York City* | 69 V. |
| Marshall Jewell Dodge | *New York City* | 69 V. |
| William Francis Dominick | *New York City* | 367 WH. |
| Robert Graham Dun Douglass | *Orange, N. J.* | 51 V. |
| Edgar Selah Downs | *Southington, Conn.* | 281 L. |
| Philip Earl Dudley | *New London, Conn.* | 212 D. |
| Dana Lee Eddy | *Leavenworth, Kansas* | 261 L. |
| David Brewer Eddy | *Leavenworth, Kansas* | 261 L. |
| Manfred William Ehrich | *New York City* | 220 D. |
| George Ellis | *Pottsville, Pa.* | 34 V. |
| Morris Upham Ely | *Brooklyn, N. Y.* | 226 D. |
| Edward Octavius Emerson, Jr. | *Titusville, Pa.* | 34 V. |

| | | |
|---|---|---|
| William Gage Erving | *Hartford, Conn.* | 352 WH. |
| Ray Llewellyn Evans | *Cincinnati, O.* | 369 WH. |
| Thomas Mellon Evans | *McKeesport, Pa.* | 60 V. |
| Charles Everett Farr | *Athol, Mass.* | 169 F. |
| Fred Julius Fassett | *Waitsfield, Vt.* | 161 F. |
| Malcolm Shiland Fearey | *Albany, N. Y.* | 354 WH. |
| Morton Lazell Fearey | *Albany, N. Y.* | 354 WH. |
| Joseph Livingston Fewsmith | *Newark, N. J.* | 273 L. |
| Herbert Wescott Fisher | *New Haven, Conn.* | 164 F. |
| Ashbel Parmelee Fitch, Jr. | *New York City* | 11 V. |
| Henry Fletcher | *Brooklyn, N. Y.* | 349 WH. |
| William Ruthven Flint | *Collinsville, Conn.* | 116 N. |
| Justus Miles Forman | *Minneapolis, Minn.* | 317 W. |
| Charles Job Fowler | *Thompsonville, Conn.* | 364 WH. |
| John Harold Fuller | *Barton Landing, Vt.* | 116 N. |
| Charles Brownell Gage | *New York City* | 154 F. |
| Morrell Walker Gaines | *Albuquerque, N. M.* | 164 F. |
| Weston Spies Gales | *Elizabeth, N. J.* | 238 D. |
| Herbert Draper Gallaudet | *Washington, D. C.* | 256 L. |
| Arthur Thomas Galt | *Chicago, Ill.* | 264 L. |
| Robert Thompson Garrison | *Pittsburg, Pa.* | 331 WH. |
| Robert Harvey Gay | *Burlington, Vt.* | 340 WH. |
| Charles Frederick Gehrmann | *Peoria, Ill.* | 201 D. |
| Fred Macdonald Gilbert | *Brooklyn, N. Y.* | 63 V. |
| David Halliday Moffat Gillespie | *Newburgh, N. Y.* | 268 L. |
| Richard Butler Glaenzer | *New York City* | 238 D. |
| Walter Godchaux | *New Orleans, La.* | 35 V. |
| Otto Goldsmith | *Portland, Oregon* | 312 W. |
| Charles Edmund Goodman | *St. Louis, Mo.* | 201 D. |
| Charles Archibald Goodwin | *Hartford, Conn.* | 331 WH. |
| Robert Hubbard Gould | *Bridgeport, Conn.* | 212 D. |
| Philip Sanford Goulding | *Wilmington, Vt.* | 83 S. M. |
| Philip William Grece | *Jersey City, N. J.* | 81 S. M. |
| Charles Welles Gross | *Hartford, Conn.* | 63 V. |
| Eugene Hale, Jr. | *Ellsworth, Me.* | 49 V. |
| William Browne Hale | *Chicago, Ill.* | 575 P. |
| James Alexander Hamilton | *Caledonia, N. Y.* | 16 V. |
| Taber Hamilton | *Fort Wayne, Ind.* | 274 L. |
| George Arthur Hanford | *Syracuse, N. Y.* | 413 B. |
| Archibald Cary Harrison | *New York City* | 376 WH. |
| Joseph Hall Hart | *Cincinnati, O.* | 524 P. |
| Winfred Morgan Hartshorn | *Colorado Springs, Col.* | 264 L. |
| Harold Ames Hatch | *Brooklyn, Conn.* | 55 V. |
| Adelbert Stone Hay | *Washington, D. C.* | 5 V. |

| | | |
|---|---|---|
| Abner Pierce Hayes | *Bethlehem, Conn.* | 83 S. M. |
| Josiah Judson Hazen | *Haddam, Conn.* | 226 D. |
| Daniel Learned Hebard | *Pequaming, Mich.* | 35 V. |
| James Francis Joseph Hennessey | *New Haven, Conn.* | 641 State st. |
| John Joseph Higgins | *New Haven, Conn.* | 569 Grand av. |
| Benjamin Fleming Hill | *Lake Forest, Ill.* | 276 Prospect st. |
| Henry Winslow Hincks | *Bridgeport, Conn.* | 63 V. |
| Charles Potter Hine | *Poland, O.* | 202 D. |
| Frank Gilbert Hinsdale | *Pittsfield, Mass.* | 42 V. |
| Lawrence Hitchcock | *Cleveland, O.* | 227 D. |
| Robert Reynolds Hitt | *Mt. Morris, Ill.* | 5 V. |
| Peter Hagner Holme | *Denver, Col.* | 238 D. |
| Ernest Howe | *Washington, D. C.* | 39 V. |
| Robert Ernest Hume | *Ahmednagar, India* | 260 L. |
| Robert Scott Hume | *Washington, D. C.* | 10 V. |
| Frederick William Huxford | *Stamford, Conn.* | 28 V. |
| Charles Edward Ives | *Danbury, Conn.* | 76 S. M. |
| Stuart Wells Jackson | *Philadelphia, Pa.* | 10 V. |
| Warren Prescott Jackson | *Westborough, Mass.* | 204 D. |
| Thomas Martin James | *Kansas City, Mo.* | 66 V. |
| John Jay | *New York City* | 245 L. |
| Job Edgar Johnson | *Summit, R. I.* | 96 S. M. |
| Leeds Johnson | *New York City* | 37 V. |
| Warren Bowditch Johnson | *Enfield, Conn.* | 352 WH. |
| Carleton Coffin Jones | *Wilkes-Barré, Pa.* | 202 D. |
| Junius Royal Judson | *Rochester, N. Y.* | 219 D. |
| Leroy DeWolf Kellogg | *Chicago, Ill.* | 262 L. |
| Sidney Robinson Kennedy | *Brooklyn, N. Y.* | 368 WH. |
| Frederic Kernochan | *New York City* | 12 V. |
| Everett Phoenix Ketchum | *New York City* | 384 B. |
| Edwin Burruss King | *Warrenton, Va.* | 376 WH. |
| Jerome Herrmann Koehler | *New York City* | 157 York st. |
| David Thomas Leahy, Jr. | *Brooklyn, N. Y.* | 54 V. |
| Augustus Canfield Ledyard | *Detroit, Mich.* | 373 WH. |
| Frederick August Lehlbach | *Newark, N. J.* | 262 L. |
| William Robertson Letcher | *Silver Creek, Ky.* | 113 N. |
| Louis Samter Levy | *St. Louis, Mo.* | 241 L. |
| Alexander Ingersoll Lewis | *Detroit, Mich.* | 374 WH. |
| VanSinderen Lindsley | *Washington, D. C.* | 48 V. |
| John Riley Livermore | *New York City* | 33 V. |
| John Quentin Lockman | *New York City* | 345 WH. |
| Oscar Loewi | *New York City* | 220 D. |
| Franklin Atkins Lord | *Moorhead, Minn.* | 258 L. |
| Dennis Joseph McCarthy | *Stafford Springs, Conn.* | 1098 Chapel st. |

| | | |
|---|---|---|
| Theodore Alexander McGraw | *Detroit, Mich.* | 367 WH. |
| Thomas Sabine McLane | *New York City* | 39 V. |
| Jay Chandler McLauchlan | *Cleveland, O.* | 383 B. |
| Paul Augustine McQuaid | *New Haven, Conn.* | 181 Orchard st. |
| Francis Sherwood Male | *Brooklyn, N. Y.* | 204 D. |
| George Tracy Marsh | *Lansingburgh, N. Y.* | 337 WH. |
| Samuel Andrew Marshall | *Cromwell, Conn.* | 80 S. M. |
| Julian Starkweather Mason | *Chicago, Ill.* | 30 V. |
| Walter Meigs | *New York City* | 51 V. |
| Charles Edmund Merrill, Jr. | *New York City* | 14 V. |
| Orlando Paul Metcalf | *Pittsburg, Pa.* | 55 V. |
| Seth Minot Milliken | *New York City* | 55 V. |
| Sydney Knox Mitchell | *Lakeville, N. Y.* | 93 S. M. |
| Theodore Monell | *New York City* | 210 D. |
| Grenville Dodge Montgomery | *Denver, Col.* | 390 B. |
| George Colton Moore | *E. Hartland, Conn.* | 1098 Chapel st. |
| Gouverneur Morris, Jr. | *New York City* | 383 B. |
| Mandeville Mullally | *Pendleton, S. C.* | 76 S. M. |
| George Alphonsus Mullen | *Trumbull, Conn.* | 143 York st. |
| George Hewitt Myers | *Washington, D. C.* | 22 College st. |
| Robert Christman Neal, Jr. | *Harrisburg, Pa.* | 283 W. |
| Herbert Elwin Nims | *Ashburnham, Mass.* | 108 Dixwell av. |
| Edward Norris | *New York City* | 54 V. |
| John Treadwell Norton, Jr. | *Albany, N. Y.* | 201 D. |
| Ernest Clapp Noyes | *Newton Center, Mass.* | 161 F. |
| Norman Day Otis | *Wellsville, N. Y.* | 219 D. |
| William Satterlee Packer, Jr. | *Brooklyn, N. Y.* | 385 B. |
| Brainard Warner Parker | *Washington, D. C.* | 28 V. |
| Grenville Parker | *New York City* | 25 V. |
| John Randolph Paxton, Jr. | *New York City* | 255 L. |
| Charles Thomas Payne | *Cleveland, O.* | 375 WH. |
| Darius Edward Peck | *Hudson, N. Y.* | 377 WH. |
| William Hazen Peck | *New Britain, Conn.* | 259 L. |
| Charles Henry Peix, Jr. | *Danbury, Conn.* | 16 V. |
| Edward Carter Perkins | *Hartford, Conn.* | 328 W. |
| George Bulkley Perry | *Southport, Conn.* | 169 F. |
| Lemuel Gardner Pettee | *Sharon, Mass.* | 121 N. |
| Pierre Rittenhouse Porter | *Kansas City, Mo.* | 321 W. |
| William Stevens Ray | *Brooklyn, N. Y.* | 368 WH. |
| Harold Sylvester Recknagel | *Great Neck, N. Y.* | 389 B. |
| Howard Dickinson Reeve | *Appleton, Wisc.* | 255 L. |
| Goodrich Barbour Rhodes | *Cincinnati, O.* | 233 D. |
| Alfred Ernest Richards | *Hartford, Conn.* | 142 F. |
| Fred Erwin Richardson | *Lancaster, N. H.* | 242 Orchard st. |

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|---|---|---|
| Robert Kimball Richardson | *New Britain, Conn.* | 259 L. |
| George Minot Ripley | *St. Louis, Mo.* | 146 F. |
| Julien Ashton Ripley | *New York City* | 56 V. |
| Maxwell Warren Rockwell | *S. Woodstock, Conn.* | 131 F. |
| James Otis Rodgers | *Toledo, O.* | 341 WH. |
| David Francis Rogers | *New Canaan, Conn.* | 256 L. |
| John Shillito Rogers | *New York City* | 227 D. |
| Robert Kilburn Root | *New Haven, Conn.* | 119 College st. |
| Harry Hosmer Rowland | *Brooklyn, N. Y.* | 154 F. |
| Augustus Graham Ruggles | *Washington, D. C.* | 1002 Chapel st. |
| John Dunbar Rusher | *Brooklyn, N. Y.* | 1142 Chapel st. |
| Edward Sawyer | *Dover, N. H.* | 32 V. |
| Herbert Adolph Scheftel | *New York City* | 296 W. |
| George Gebner Schreiber | *Hoboken, N. J.* | 25 V. |
| Jewett Hamilton Scranton | *Madison, Conn.* | 10 V. |
| Worthington Scranton | *Scranton, Pa.* | 205 D. |
| William Edward Selin | *Chicago, Ill.* | 128 N. |
| Frank Hiram Shall | *Little Falls, N. Y.* | 163 F. |
| Francis McHenry Shaw | *Westminster, Md.* | 163 F. |
| Frank William Sheehan | *West Haven, Conn.* | 255 L. |
| Ralph Henry Shone | *Camden, N. J.* | 270 Orchard st. |
| William Jacob Shroder | *Cincinnati, O.* | 165 F. |
| Henry Sillcocks | *Brooklyn, N. Y.* | 349 WH. |
| Frank Hunter Simmons | *Brooklyn, N. Y.* | 374 WH. |
| Archibald Delap Smith | *Brooklyn, N. Y.* | 131 F. |
| Edward Burnham Smith | *Detroit, Mich.* | 272 L. |
| Henry King Smith | *New York City* | 57 V. |
| James Robinson Smith | *Hartford, Conn.* | 203 D. |
| Thomas Max Smith | *Yonkers, N. Y.* | 203 D. |
| Samuel Newton Spring | *Le Mars, Iowa* | 223 D. |
| George Prichard Stimson | *Cincinnati, O.* | 167 F. |
| Frank Raymond Stocker | *Jermyn, Pa.* | 263 L. |
| Norman Arthur Street | *Chicago, Ill.* | 47 V. |
| Edward Clark Streeter | *Chicago, Ill.* | 373 WH. |
| Isaac Newton Swift | *Ypsilanti, Mich.* | 341 WH. |
| Charles Howard Teeter | *East Stroudsburg, Pa.* | 139 F. |
| Fred Wheeler Tenney | *Worcester, Mass.* | 111 York st. |
| Alfred Howe Terry | *Knoxville, Tenn.* | 30 Hillhouse av. |
| Roderick Terry, Jr. | *New York City* | 211 D. |
| Wilmot Haines Thompson, Jr. | *East Orange, N. J.* | 127 N. |
| Lawrence Thurston | *Whitinsville, Mass.* | 260 L. |
| Ferrars Heaton Tows | *New York City* | 37 V. |
| Edwin Bryant Treat | *Wallingford, Conn.* | 165 F. |
| Hayes Quincy Trowbridge | *New Haven, Conn.* | 21 V. |

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|---|---|---|
| Julius Tuckerman | *Saxton's River, Vt.* | 74 Howe st. |
| Robert James Turnbull, Jr. | *Morristown, N. J.* | 290 W. |
| David Cushman Twichell | *Hartford, Conn.* | 353 WH. |
| Victor Morris Tyler | *New Haven, Conn.* | 353 WH. |
| William Newell Vaile | *Denver, Col.* | 132 F. |
| Frederick Theodore vanBeuren, Jr. | *New York City* | 8 V. |
| Walter Lewis Vaughan | *Louisville, Ky.* | 287 W. |
| James Wolcott Wadsworth, Jr. | *Geneseo, N. Y.* | 12 V. |
| Ernest Walker | *New York City* | 224 D. |
| George Young Wallace, Jr. | *Salt Lake City, Utah* | 559 P. |
| John Aloysius Walsh | *Stamford, Conn.* | 81 S. M. |
| John Wilson Walsh | *Chicago, Ill.* | 337 WH. |
| Arthur Gustavus Ward | *Evans Mills, N. Y.* | 74 S. M. |
| Charles McLean Warren | *Collinsville, Conn.* | 74 S. M. |
| Pierce Noble Welch, Jr. | *New Haven, Conn.* | 321 W. |
| John Welles | *Wethersfield, Conn.* | 80 S. M. |
| Frederick Manfred Werner | *New York City* | 241 L. |
| Ezra Douglas Whitaker | *North Adams, Mass.* | 234 D. |
| Paul Whitin | *Northbridge, Mass.* | 60 V. |
| Payne Whitney | *New York City* | 30 V. |
| Edward Reed Whittemore | *New Haven, Conn.* | 234 D. |
| Ernest Wales Whittemore | *Rye, N. Y.* | 248 L. |
| Forsyth Wickes | *New York City* | 290 W. |
| Herbert Budington Wilcox | *Summit, N. J.* | 253 L. |
| Horace Wilder Wilcox | *Painesville, O.* | 23 V. |
| Arthur Baldwin Williams, Jr. | *Scranton, Pa.* | 158 F. |
| Arthur Collins Williams | *Hartford, Conn.* | 142 F. |
| Lewis Mason Williams | *Glenville, O.* | 2 V. |
| Frederick Ely Williamson | *Cleveland, O.* | 41 V. |
| Harold Moffat Wilson | *Newburgh, N. Y.* | 268 L. |
| Oliver Tousey Wilson | *Evanston, Ill.* | 66 V. |
| Henry Rogers Winthrop, Jr. | *New York City* | 33 V. |
| John Munro Woolsey | *Englewood, N. J.* | 372 WH. |
| Howard Brown Woolston | *Philadelphia, Pa.* | 305 George st. |
| Henry Burt Wright | *New Haven, Conn.* | 248 L. |

JUNIORS, 295

## SOPHOMORE CLASS

| | | |
|---|---|---|
| Charles Westley Abbott | *Plainfield, N. J.* | 344 WH. |
| John Brown Adams | *New York City* | 599 P. |
| Mason Tyler Adams | *Amherst, Mass.* | 310 W. |
| Robert Campbell Adams | *Brooklyn, N. Y.* | 60 W. D. |
| Sullivan Dorr Ames | *Providence, R. I.* | 294 W. |
| Robbins Battell Anderson | *Duluth, Minn.* | 571 P. |
| Henry Cotheal Andrews | *Fishkill, N. Y.* | 99 N. |
| Lorenzo Dibble Armstrong | *New York City* | 588 P. |
| Albert Headley Atha | *Newark, N. J.* | 289 W. |
| Edgar Atkin | *New York City* | 128 High st. |
| George Edwin Atwood | *Norfolk, Conn.* | 121 York st. |
| George Philip Baker | *Union Hill, N. Y.* | 89 S. M. |
| DeForest Baldwin | *New Haven, Conn.* | 260 Crown st. |
| Merwin Bolton Bangs | *New York City* | 298 W. |
| William Augustus Barstow | *East Orange, N. J.* | 522 P. |
| Charles Griswold Bartlett, Jr. | *Black Hall, Conn.* | 380 WH. |
| Lewis Franklin Battey | *Putnam, Conn.* | 411 B. |
| Luther Louis Beard | *Springfield, O.* | 162 F. |
| Frederick George Beck | *New Haven, Conn.* | 162 F. |
| Charles Augustus Belin | *Scranton, Pa.* | 282 L. |
| Walter Frederic Bart Berger | *Denver, Col.* | 168 F. |
| Coburn Dewees Berry, Jr. | *Nashville, Tenn.* | 585 P. |
| John Bicknell | *W. Cummington, Mass.* | 1098 Chapel st. |
| Hugh Moffat Bissell | *Detroit, Mich.* | 543 P. |
| Edward Baldwin Boise | *Grand Rapids, Mich.* | 298 W. |
| John Harvey Borden | *Brooklyn, N. Y.* | 545 P. |
| Henry Thornton Bowles | *New York City* | 600 P. |
| John Boyce | *Schodack Landing, N. Y.* | 1010 Chapel st. |
| Samuel Gale Boyce | *Schodack Landing, N. Y.* | 1010 Chapel st. |
| David Milton Boyd | *St. Louis, Mo.* | 297 W. |
| Nicholas Frederic Brady | *Albany, N. Y.* | 1044 Chapel st. |
| Charles Asahel Brayton, Jr. | *Cleveland, O.* | 22 College st. |
| Frederick Hiester Brooke | *Birdsboro, Pa.* | 600 P. |
| Samuel Pearson Brooke | *Mt. Tabor, Oregon* | 293 York st. |
| Alfred Jerome Brown | *New York City* | 289 W. |
| George William Brown | *Boston, Mass.* | 215 East st. |
| Jamot Brown | *Chicago, Ill.* | 587 P. |
| Oliver Sarson Bryant | *Cincinnati, O.* | 114 N. |
| Robert Zimmerman Buchwalter | *Cincinnati, O.* | 1044 Chapel st. |
| Scovill McLean Buckingham | *Watertown, Conn.* | 414 B. |

| | | |
|---|---|---|
| Joseph Edmund Bulkley | *New York City* | 250 York st. |
| Norman Macleod Burrell | *New York City* | 208 D. |
| Charles Heald Burtis | *Orange, N. J.* | 286 W. |
| Hugh Andrew Callahan | *Chicago, Ill.* | 35 College st. |
| John Stark Cameron, Jr. | *Salt Lake City, Utah* | 223 York st. |
| John Perlin Camp | *Newington, Conn.* | 289 George st. |
| Edward Thomas Canfield | *Thomaston, Conn.* | 101 W. D. |
| Roger I. Capen | *Cincinnati, O.* | 101 W. D. |
| Guy Mortimer Carleton | *Hartford, Conn.* | 174 F. |
| John Dolph Carson | *Portland, Oregon* | 176 F. |
| Henry Wick Chambers | *Cleveland, O.* | 22 College st. |
| George Shepard Chappell | *New London, Conn.* | 1044 Chapel st. |
| Harold Clark Cheney | *New Haven, Conn.* | 88 S. M. |
| Charles Frederick Childs | *Brattleboro, Vt.* | 1010 Chapel st. |
| John Kirkland Clark | *Brooklyn, N. Y.* | 177 F. |
| Williams Cochran | *St. Paul, Minn.* | 414 B. |
| Gerhard Hutchison Cocks | *Brooklyn, N. Y.* | 547 P. |
| Clarence Eugene Coffin | *Indianapolis, Ind.* | 175 F. |
| Ledyard Cogswell, Jr. | *Albany, N. Y.* | 417 B. |
| Richard Mumford Coit | *Brooklyn, N. Y.* | 391 B. |
| Harry Clifford Colwell | *Kittanning, Pa.* | 590 P. |
| Charles Horace Conner, Jr. | *New Albany, Ind.* | 358 WH. |
| William Boudinot Conner | *New Albany, Ind.* | 358 WH. |
| William Joseph Cooney | *New Haven, Conn.* | 107 Greene st. |
| Ralph Emerson Crandall | *Leonardsville, N. Y.* | 166 York st. |
| William Eglin Curtiss | *Cleveland, O.* | 1076 Chapel st. |
| William Doran Cushman | *Buffalo, N. Y.* | 22 College st. |
| William Dick Cutter | *Brooklyn, N. Y.* | 159 Elm st. |
| Robert Darling | *Brooklyn, N. Y.* | 344 WH. |
| Charles Leroy Darlington | *Xenia, O.* | 114 N. |
| George Dautel | *Cleveland, O.* | 1076 Chapel st. |
| William Enright Davenport | *Bridgeport, Conn.* | 58 Dixwell av. |
| Frederick Martin Davies | *New York City* | 551 P. |
| Arthur Wendell Davis | *Hartford, Conn.* | 310 W. |
| Dwight Huntington Day | *Indianapolis, Ind.* | 378 WH. |
| Henry Ray Dennis | *New York City* | 87 S. M. |
| Harry Manford Dewey | *Oneida, N. Y.* | 22 College st. |
| Clarence Phelps Dodge | *New York City* | 22 College st. |
| Murray Witherbee Dodge | *New York City* | 563 P. |
| John Victor Doniphan, Jr. | *Brooklyn, N. Y.* | 116 W. D. |
| Charles Francis Doyle, Jr. | *Cohoes, N. Y.* | 416 B. |
| Alfred Yartan Dubuque | *Albany, N. Y.* | 107 York st. |
| Leonidas John Durbin | *Williamstown, Pa.* | 1010 Chapel st. |
| Milo Day Eames | *Buffalo, N. Y.* | 555 P. |

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|---|---|---|
| John Crouse Entrekin, Jr. | *Chillicothe, O.* | 7 Library st. |
| Berne Holbrook Evans | *Pittsburg, Pa.* | 278 L. |
| John Lewis Evans | *Haverford, Pa.* | 393 B. |
| Benson Everett | *Kingston, N. Y.* | 1010 Chapel st. |
| Willard Ernest Everett | *Lowell, Mass.* | 412 B. |
| Charles Maitland Fair | *Chicago, Ill.* | 309 W. |
| Frederick Bliss Fallon | *Bridgeport, Conn.* | 58 Dixwell av. |
| Joseph Allen Farley | *Rochester, N. Y.* | 111 N. |
| Thomas Wells Farnam | *New Haven, Conn.* | 129 F. |
| Horace Jewell Fenton | *Willimantic, Conn.* | 205 Crown st. |
| George Willis Field | *Worcester, Mass.* | 109 N. |
| William Henry Field | *Rutland, Vt.* | 378 WH. |
| Caleb Ellis Fisher | *Fargo, N. D.* | 82 Whalley av. |
| John Francis Flynn | *Meriden, Conn.* | 281 Crown st. |
| Richard Earp Forrest | *Philadelphia, Pa.* | 535 P. |
| Charles Root Fowler | *New Haven, Conn.* | 108 Humphrey st. |
| Frank Joseph Franey | *New Haven, Conn.* | 121 Orchard st. |
| Charles Royall Frazer | *Cynthiana, Ky.* | 293 York st. |
| Lucius Pomeroy Fuller | *Willimantic, Conn.* | 163 York st. |
| Arthur Sullivan Gale | *Jacksonville, Fla.* | 75 S. M. |
| Marvin Hayes Gates | *Kansas City, Mo.* | 1076 Chapel st. |
| Stewart Gilman | *Sioux City, Iowa* | 7 Library st. |
| Samuel Anderson Gilmore | *Uniontown, Pa.* | 281 Crown st. |
| John Leo Gilson | *New Haven, Conn.* | 162 F. |
| Malcolm Glendinning | *Salt Lake City, Utah* | 274 L. |
| Anson Conger Goodyear | *Buffalo, N. Y.* | 593 P. |
| Frederick Augustus Gorham, Jr. | *Grand Rapids, Mich.* | 295 W. |
| George Dana Graves | *Manchester, N. H.* | 250 L. |
| Charles Abbott Greene | *Fairport, N. Y.* | 98 N. |
| Joseph Warren Greene, Jr. | *Brooklyn, N. Y.* | 92 S. M. |
| Louis Freeman Greene | *Albion, N. Y.* | 1044 Chapel st. |
| William Edward Schenck Griswold | *Erie, Pa.* | 380 WH. |
| Morris Groves | *New York City* | 313 York st. |
| Harry Randolph Guggenheimer | *New York City* | 1044 Chapel st. |
| Keith Osmond Guthrie | *Albany, N. Y.* | 250 Crown st. |
| Alfred Bates Hall | *Chester, Conn.* | 173 F. |
| Francis Jenks Hall | *Brookville, Pa.* | 315 Crown st. |
| Bruce Hamilton | *Chicago, Ill.* | 250 York st. |
| Arthur Sears Hamlin | *Canandaigua, N. Y.* | 26 V. |
| William Stitt Hannon | *Cleveland, O.* | 1076 Chapel st. |
| Dennie Meredith Hare | *New York City* | 536 P. |
| Mervin Clark Harvey | *Cleveland, O.* | 22 College st. |
| Charles Montgomery Hathaway, Jr. | *Olyphant, Pa.* | 339 George st. |

| | | |
|---|---|---|
| John Dunham Hawes | *Chicago, Ill.* | 422 B. |
| Samuel Mills Hawley | *Bridgeport, Conn.* | 129 F. |
| Charles Edward Hay, Jr. | *Springfield, Ill.* | 272 L. |
| Fred. Charles Hecker | *Noroton, Conn.* | 232 D. |
| George Edward Hecker | *Noroton, Conn.* | 232 D. |
| Isham Henderson | *New Haven, Conn.* | 110 N. |
| James Poland Henry | *Cincinnati, O.* | 1044 Chapel st. |
| Charles Jonathan Herrick | *Albany, N. Y.* | 1044 Chapel st. |
| Thomas Denison Hewitt | *Brooklyn, N. Y.* | 159 Elm st. |
| William Edwin Hilliard | *New Haven, Conn.* | 59 Lake pl. |
| Edward Foote Hinkle | *Ashland, Wisc.* | 535 P. |
| William Churchill Hodge, Jr. | *Buffalo, N. Y.* | 521 P. |
| Melvin Tilden Holbrook | *Sharon, Mass.* | 82 S. M. |
| Nelson Clarke Holland | *Buffalo, N. Y.* | 249 L. |
| Henry Hutchinson Hollister, Jr. | *New York City* | 565 P. |
| Stuart Holt | *New York City* | 250 L. |
| Donald Russell Hooker | *New Haven, Conn.* | 153 F. |
| Richard Hooker | *New Haven, Conn.* | 235 D. |
| Tredwell Gardner Hopkins | *Catskill, N. Y.* | 60 W. D. |
| Thomas Attwood Horton | *Albany, N. Y.* | 1044 Chapel st. |
| Frederick Hotze | *New York City* | 408 B. |
| George William Humphreys | *Cohoes, N. Y.* | 75 S. M. |
| George Pelton Hutchins | *Brooklyn, N. Y.* | 71 W. D. |
| Carl Gottfried Jahn, Jr. | *Columbus, O.* | 1044 Chapel st. |
| William Savage Johnson | *Meriden, Conn.* | 79 Wall st. |
| William Sterling Johnson, Jr. | *East Orange, N. J.* | 522 P. |
| Arthur Edgar Jones, Jr. | *Denver, Col.* | 159 York st. |
| Ellis Oliver Jones, Jr. | *Columbus, O.* | 550 P. |
| Clay Eugene Jordan | *St. Louis, Mo.* | 254 L. |
| Charles Edward Julin | *Chicago, Ill.* | 128 N. |
| Thomas Kearny | *Paris, France* | 591 P. |
| Robert Henry Keener | *St. Joseph, Mo.* | 63 Goffe st. |
| William Roderick Kelley | *Chicago, Ill.* | 309 W. |
| MacIntosh Kellogg | *New York City* | 58 V. |
| George Angelo Kernan | *Utica, N. Y.* | 68 Whalley av. |
| Fred Alonzo King | *Portland, Me.* | 576 P. |
| Harry Davis Kingsbury | *New Haven, Conn.* | 89 Trumbull st. |
| Albert Hezekiah Kirtland | *Chester, Conn.* | 134 College st. |
| Joseph Harvey Kitchen | *Cleveland, O.* | 82 Broadway |
| Samuel Preston Knight | *Middletown, N. Y.* | 221 D. |
| William DeLancey Kountze | *New York City* | 551 P. |
| Victor Alexander Kowalewski | *New Haven, Conn.* | 86 Second st. |
| Thomas Fisher Lawrence | *Hartford, Conn.* | 88 S. M. |
| Ebenezer Learned | *Norwich, Conn.* | 222 D. |

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|---|---|---|
| Walter Clark Lee | *Oxford, N. Y.* | 281 Crown st. |
| Russell Cornell Leffingwell | *Yonkers, N. Y.* | 585 P. |
| Charles Philip Leonard | *Niantic, Conn.* | 276 Orange st. |
| Frederick Morton Leonard | *Brooklyn, N. Y.* | 128 High st. |
| Othniel Bliem Lessig | *Pottstown, Pa.* | 286 W. |
| Edwin Tuttle Lewis | *Brooklyn, N. Y.* | 71 W. D. |
| Everson Howard Lewis | *Syracuse, N. Y.* | 395 B. |
| Oswald Lockett, Jr. | *Chicago, Ill.* | 586 P. |
| Robert Payson Loomis | *Brooklyn, N. Y.* | 240 D. |
| Arthur Wayland Lovell | *New Haven, Conn.* | 52½ Edwards st. |
| Alfred Richard Lowrie | *Elgin, Ill.* | 222 D. |
| John Joseph McKone | *Hartford, Conn.* | 91 Lake pl. |
| Thomas Skinker Maffitt | *St. Louis, Mo.* | 237 D. |
| James McDevitt Magee | *Pittsburg, Pa.* | 168 F. |
| Arthur Sitgreaves Mann | *Buffalo, N. Y.* | 176 F. |
| Arthur Matthias Marty | *Kansas City, Mo.* | 1076 Chapel st. |
| Alexander Burr Marvin | *New Rochelle, N. Y.* | 59 W. D. |
| Albert Joseph Mayer | *New Orleans, La.* | 1076 Chapel st. |
| Frederick Benjamin Merrels | *New Haven, Conn.* | 30 Pearl st. |
| Ballinger Mills | *Galveston, Tex.* | 578 P. |
| George Henry Mitchell | *New York City* | 140 F. |
| George Samuel Mittendorf | *New York City* | 291 W. |
| Norton Thayer Montague | *Chattanooga, Tenn.* | 282 L. |
| Benjamin Burges Moore | *New York City* | 592 P. |
| Edward Colman Moore | *Moline, Ill.* | 314 Crown st. |
| Joseph Harrison Morey | *Buffalo, N. Y.* | 521 P. |
| Herbert Morean Morgan | *St. Louis, Mo.* | 22 College st. |
| Frederick Hitchcock Morley | *Colorado Springs, Col.* | 235 D. |
| Henry Killam Murphy | *New Haven, Conn.* | 85 Sachem st. |
| William Bigelow Neergaard | *Brooklyn, N. Y.* | 549 P. |
| William Barrett Neville | *Scranton, Pa.* | 339 George st. |
| Thomas Davidson Newmyer | *Connellsville, Pa.* | 1142 Chapel st. |
| Henry James Nichols | *Binghamton, N. Y.* | 173 F. |
| Edward Theodore Noble | *Wichita, Kan.* | 145 F. |
| Hibbard Richard Norman, 2d | *Shewville, Conn.* | 276 Orange st. |
| John Pease Norton | *Los Angeles, Cal.* | 549 Orange st. |
| Winchester Noyes | *Brooklyn, N. Y.* | 177 F. |
| Howard Laurence O'Fallon | *St. Louis, Mo.* | 22 College st. |
| George Sturges Oliver | *Pittsburg, Pa.* | 278 L. |
| Colman Stuart O'Loughlin | *Glens Falls, N. Y.* | 1076 Chapel st. |
| Harrison Grey Otis | *Cleveland, O.* | 22 College st. |
| Loring Bradford Packard | *Sharon, Mass.* | 82 S. M. |
| Holkins Palmer | *Summit, N. J.* | 230 D. |
| Joseph Coolidge Palmer | *Syracuse, N. Y.* | 525 P. |

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|---|---|---|
| Francis Robert Parks | *Westfield, Mass.* | 22 College st. |
| Edward Spencer Parmelee | *New Haven, Conn.* | 294 W. |
| Wilber Smith Peck, Jr. | *Syracuse, N. Y.* | 292 W. |
| Edwin Starr Pickett | *New Haven, Conn.* | 140 Sylvan av. |
| Howard Platt | *Poughkeepsie, N. Y.* | 297 W. |
| Omar William Platt | *Milford, Conn.* | 110 N. |
| Joseph Scovil Porter | *New Haven, Conn.* | 87 S. M. |
| Philip Sheridan Potter | *North Adams, Mass.* | 143 F. |
| Charles Alonzo Powers | *Cleveland, O.* | 231 D. |
| Ord Preston | *Englewood, N. J.* | 536 P. |
| Ernest Shirley Rastall | *Chicago, Ill.* | 289 George st. |
| Ossian Ray, Jr. | *Lancaster, N. H.* | 203 York st. |
| John Reid, Jr. | *Yonkers, N. Y.* | 561 P. |
| Frank Ridgely Rhodes | *St. Paul, Minn.* | 233 D. |
| Howard Chandler Robbins | *Springfield, Mass.* | 137 Wall st. |
| Wallace Stuart Roberts | *Fairport, N. Y.* | 98 N. |
| Elmer Wallace Robinson | *Meriden, Conn.* | Meriden |
| William Hervy Rood | *Brookfield, Vt.* | 215 East st. |
| Samuel Woodson Sawyer | *Independence, Mo.* | 9 Library st. |
| Louis Henry Schutte | *Chicago, Ill.* | 289 George st. |
| Marvyn Scudder | *New York City* | 552 P. |
| David Lloyd Sears | *Hartford, Conn.* | 1076 Chapel st. |
| John Buss Seymour | *Bennington, Vt.* | 101 W. D. |
| William Edward Seymour | *New York City* | 221 D. |
| Harry Shaw | *Whitinsville, Mass.* | 420 B. |
| Henry Robinson Shipman | *Hartford, Conn.* | 564 P. |
| Clyde Simmons | *Oil City, Pa.* | 242 York st. |
| Edmund Pillsbury Smiley | *Chicago, Ill.* | 143 F. |
| Alfred Cox Smith | *Clinton, Iowa* | 388 B. |
| Barry Congar Smith | *East Orange, N. J.* | 573 P. |
| Ernest Stanley Smith | *East Orange, N. J.* | 573 P. |
| George Henry Smith | *Knoxville, Tenn.* | 174 F. |
| Solomon Albert Smith | *Chicago, Ill.* | 68 V. |
| Walter Byron Smith | *Chicago, Ill.* | 68 V. |
| Howard Adams Somers | *Poughkeepsie, N. Y.* | 116 W. D. |
| William Chapman Spelman, Jr. | *Brooklyn, N. Y.* | 92 S. M. |
| Carl Bovee Spitzer | *Toledo, O.* | 114 High st. |
| Carl Andrew Squire | *Cleveland, O.* | 231 D. |
| Francis Freeman Squire | *Westfield, Mass.* | 7 Library st. |
| Constantine Demeter Stephanoff | *Bansko, Macedonia* | 266 York st. |
| Walter Thomas Stern | *New York City* | 302 W. |
| William Kerfoot Stewart | *Indianapolis, Ind.* | 242 York st. |
| Louis Ezekiel Stoddard | *New Haven, Conn.* | 352 Temple st. |

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|---|---|---|
| Sanford Stoddard | *Bridgeport, Conn.* | 230 D. |
| Carroll Fuller Sweet | *Grand Rapids, Mich.* | 295 W. |
| Charles Rufus Swift, Jr. | *West Hartford, Conn.* | 409 B. |
| Henry Bruce Teller | *Central City, Col.* | 166 York st. |
| Edward Thomas | *Thomaston, Conn.* | 280 L. |
| Clarence Elmore Thompson, Jr. | *West Haven, Conn.* | 280 L. |
| Chauncey Brewster Tinker | *Denver, Col.* | 37 Lake pl. |
| Henry Hunt Tomkins, Jr. | *Denver, Col.* | 387 B. |
| William Jessup Torrey | *Scranton, Pa.* | 55 V. |
| Edward Andrew Tracy | *Island Pond, Vt.* | 281 Crown st. |
| Edmund Quincy Trowbridge | *New Haven, Conn.* | 21 V. |
| Ernest Truslow | *Summit, N. J.* | 560 P. |
| Lester Ferris Turney | *Derby, Conn.* | 61 Grove st. |
| Laurance Tweedy | *Danbury, Conn.* | 119 Wall st. |
| Edward Clark Upton | *Chicago, Ill.* | 254 L. |
| Alfred Gwynne Vanderbilt | *New York City* | 31 V. |
| Ralph Gibbs VanName | *New Haven, Conn.* | 153 F. |
| Frederick Dale Vincent | *Ashley, Pa.* | 64 W. D. |
| Charles Henry Wagner | *Putnam, Conn.* | 152 F. |
| George Lincoln Wakefield | *Wakefield, Mass.* | 152 F. |
| Curtis Howe Walker | *West Haven, Conn.* | 87 S. M. |
| Harry Brookings Wallace | *St. Louis, Mo.* | 344 WH. |
| William Godfrey Wallace | *Rochester, N. Y.* | 64 W. D. |
| George Liggett Ward | *Lawrence, Mass.* | 152 F. |
| Ezra Joseph Warner, Jr. | *Lake Forest, Ill.* | 552 P. |
| Horace Byron Warner | *Penfield, N. Y.* | 91 S. M. |
| Allan Warren | *Rockford, Ill.* | 422 B. |
| Eliot Watrous | *New Haven, Conn.* | 26 V. |
| Moses Alford Watterson | *Cleveland, O.* | 1076 Chapel st. |
| Arthur Fitch Way | *Westfield, Mass.* | 22 College st. |
| Joseph Walker Wear | *St. Louis, Mo.* | 22 College st. |
| Frederick Webster | *Galveston, Tex.* | 91 S. M. |
| Charles Hopkins Welles, Jr. | *Scranton, Pa.* | 240 D. |
| Guy Wellman | *Friendship, N. Y.* | 237 D. |
| George Jerome Wesley | *Cleveland, O.* | 369 WH. |
| Walter Hart West | *St. Louis, Mo.* | 22 College st. |
| Frederick Willoughby Weston | *New York City* | 140 F. |
| William Mersereau Wheeler | *Portville, N. Y.* | 111 N. |
| Roger Sherman White, 2d | *New Haven, Conn.* | 145 F. |
| William Fitz-Hugh Whitehouse, Jr. | *New York City* | 31 V. |
| Isaac Newton Wyckoff Wilson | *Albany, N. Y.* | 107 York st. |
| James Eldredge Wilson | *Chicago, Ill.* | 586 P. |
| Robert Rissler Wilson | *Cincinnati, O.* | 291 W. |

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|---|---|---|
| Edward Seymour Woodruff | *New York City* | 397 B. |
| Thew Wright | *Buffalo, N. Y.* | 249 L. |
| Edward Esher Yaggy | *Lake Forest, Ill.* | 242 York st. |
| Henry Bingham Bartlett Yergason | *Cincinnati, O.* | 391 B. |
| Henry McClure Young | *St. Louis, Mo.* | 415 B. |
| Truman Post Young | *St. Louis, Mo.* | 415 B. |

SOPHOMORES, 307

## FRESHMAN CLASS

| | | |
|---|---|---|
| Benjamin Stearns Adams | *Spencer, Iowa* | 9 Library st. |
| Frederick Baldwin Adams | *Toledo, O.* | 217 York st. |
| James Pinckney Adams | *Orange, N. J.* | 238 York st. |
| Earle Alexander | *Elizabeth, N. J.* | 1044 Chapel st. |
| Frederic Winthrop Allen | *Walpole, Mass.* | 121 N. |
| Edwin Carlos Andrews | *Penn Yan, N. Y.* | 233 York st. |
| Robert Lawrence Anthony | *Providence, R. I.* | 333 York st. |
| Harold Sears Arnold | *New Haven, Conn.* | 24 Dwight pl. |
| Ralph Kirk Askew | *Kansas City, Mo.* | 27 High st. |
| Frank Marion Atterholt, Jr. | *Akron, O.* | 250 York st. |
| William Holt Averell, Jr. | *Rochester, N. Y.* | 7 Library st. |
| Harry Woodruff Babcock | *Stonington, Conn.* | 70 Trumbull st. |
| John Harry Bailey | *New Haven, Conn.* | 16 Rose st. |
| Alanson Judson Baker | *Gloversville, N. Y.* | 569 P. |
| George Merrick Baker | *Hartford, Conn.* | 120 High st. |
| Roscoe Chase Baker | *Billerica, Mass.* | 583 P. |
| Lucius Barnes Barbour | *Hartford, Conn.* | 250 York st. |
| Norman Bardeen | *Syracuse, N. Y.* | 406 B. |
| James Whitney Barney | *New York City* | 379 WH. |
| Albert Munger Barrell | *Chicago, Ill.* | 313 York st. |
| George Hiram Bartholomew | *New Haven, Conn.* | 225 Sherman av. |
| William Chipp Bartholomew | *New Haven, Conn.* | 225 Sherman av. |
| Norman Williams Bartlett | *Evanston, Ill.* | 155 Elm st. |
| Stephen Russell Bartlett | *Hartford, Conn.* | 216 D. |
| Frederick Pomeroy Bassett | *Cincinnati, O.* | 192 York st. |
| Ernest Turrell Bauer | *Easton, Conn.* | 143 York st. |
| Harry Judson Beardsley | *North Woodbury, Conn.* | 41 Howe st. |
| Allister McDonald Bell | *Orange, N. J.* | 64 Whalley av. |
| Cogswell Bentley | *Rochester, N. Y.* | 333 York st. |
| Edward Houston Bindley | *Pittsburg, Pa.* | 250 York st. |
| Hugh Taylor Birch, Jr. | *Chicago, Ill.* | 121 York st. |
| Howard Bissell | *Buffalo, N. Y.* | 9 Library st. |
| Frederick Arthur Blount | *Newport, Vt.* | 82 Whalley av. |
| Ferdinand William Blumenthal | *New York City* | 248 York st. |
| Howard Boocock | *Brooklyn, N. Y.* | 238 York st. |
| George Noyes Boyd | *W. New Brighton, S. I., N. Y.* | 217 York st. |
| Edward Green Bradford, Jr. | *Wilmington, Del.* | 115 Park st. |
| Morgan Bulkeley Brainard | *Hartford, Conn.* | 250 York st. |
| Herbert Whiting Brainerd | *Montreal, Canada* | 250 York st. |
| Charles Edward Brinley | *Philadelphia, Pa.* | 203 York st. |
| John Penn Brock | *Lebanon, Pa.* | 248 York st. |

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|---|---|---|
| Clarence Whittlesey Bronson | *New Haven, Conn.* | 1233 Chapel st. |
| Ezekiel Stoddard Bronson | *New Haven, Conn.* | 1161 Chapel st. |
| Howard Logan Bronson | *New Haven, Conn.* | 1233 Chapel st. |
| Charles Stephen Brooks | *Cleveland, O.* | 567 P. |
| Kenneth Bruce | *Brooklyn, N. Y.* | 75 Broadway |
| Jerome Herman Buck | *Albany, N. Y.* | 314 Crown st. |
| Winthrop Buck | *Wethersfield, Conn.* | 120 High st. |
| Kenneth Lovejoy Burns | *Seattle, Wash.* | 223 D. |
| Albert Norton Butler | *Meriden, Conn.* | 223 Bradley st. |
| Arthur Philip Callahan | *Chicago, Ill.* | 35 College st. |
| Samuel Granger Camp | *Canaan, Conn.* | 295 York st. |
| Stuart Brown Camp | *West Winsted, Conn.* | 271 L. |
| John Herbert Campbell | *Orange, N. J.* | 159 Elm st. |
| Shiras Campbell | *Elizabeth, N. J.* | 248 York st. |
| Charles Pond Capen | *St. Louis, Mo.* | 394 B. |
| Robert Davis Carey | *Cheyenne, Wyoming* | 333 York st. |
| Charles Andrews Carver | *Chicago, Ill.* | 427 Temple st. |
| DeWitt Bellinger Casler | *Little Falls, N. Y.* | 421 Temple st. |
| Robert Woods Chandler | *New Haven, Conn.* | 31 High st. |
| Donald Chappell | *New London, Conn.* | 1044 Chapel st. |
| Moses Fowler Chase | *La Fayette, Ind.* | 248 York st. |
| Frank Dexter Cheney | *S. Manchester, Conn.* | 265 L. |
| Frank Miller Chisholm | *Savannah, Ga.* | 1142 Chapel st |
| Walter Lyon Chittenden | *Binghamton, N. Y.* | 570 P. |
| Samuel Hopkins Clapp | *Pawtucket, R. I.* | 227 Crown st. |
| George Barker Clark | *New York City* | 1142 Chapel st. |
| John Werden Clark | *Old Saybrook, Conn.* | 47 Lake pl. |
| Thomas Benedict Clarke, Jr. | *New York City* | 120 York st. |
| William Rockwell Clarke | *Kansas City, Mo.* | 226 York st. |
| Arthur Wilfred Clement | *Brooklyn, N. Y.* | 53 Lake pl. |
| George Davis Coaney | *Summit, N. J.* | 333 York st. |
| William Sloane Coffin | *New York City* | 379 WH. |
| George Musalas Colvocoresses | *Litchfield, Conn.* | 1180 Chapel st. |
| Edwin Congdon, Jr. | *Clarendon, Vt.* | 427 Temple st. |
| Norman George Conner | *Marshallton, Pa.* | 22 Trumbull st. |
| Frank Cummings Cook | *Waterbury, Conn.* | 117 Elm st. |
| Louis Aldrich Cook | *South Weymouth, Mass.* | 22 V. |
| Henry Hamlin Craig | *Falmouth, Mass.* | 146 College st. |
| Foster Crampton | *Brooklyn, N. Y.* | 1076 Chapel st. |
| Zenas Marshall Crane | *Dalton, Mass.* | 22 College st. |
| Chauncey Morris Crawford | *Owego, N. Y.* | 33 Wall st. |
| Frank Taylor Crawford | *Mansfield, O.* | 120 York st. |
| Morton Starr Cressy | *Hartford, Conn.* | 47 Lake pl. |
| Walter Eaton Crittenden | *New Haven, Conn.* | 104 Howe st. |

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|---|---|---|
| Francis Cross, Jr. | *New Haven, Conn.* | 448 Washington st. |
| John Walter Cross | *New York City* | 203 York st. |
| George William Crouse | *Akron, O.* | 170 York st. |
| Richard Dudley Currier | *Bridgeport, Conn.* | 251 Crown st. |
| Jesse Dwight Dana | *Brookline, Mass.* | 548 P. |
| Earl Ellithorpe Davidson | *West Roxbury, Mass.* | 583 P. |
| Joseph Edward Davis | *New York City* | 22 College st. |
| Julian Day | *New York City* | 329 W. |
| Sidney Butler Dean | *St. Paul, Minn.* | 570 P. |
| John Walter Decrow | *Boston, Mass.* | 149 F. |
| Rede Leonard Delano | *New Bedford, Mass.* | 333 York st. |
| Charles David Deyo | *Kingston, N. Y.* | 120 High st. |
| Robert Leonard Dodd | *Irasburg, Vt.* | 96 S. M. |
| Malcolm Douglas | *Albany, N. Y.* | 120 York st. |
| Harry Augustus Dow | *Pittsfield, Ill.* | 231 York st. |
| Clare Hill Draper | *Hopedale, Mass.* | 7 Library st. |
| Dwight Chandler Drew | *Stowe, Vt.* | 82 Whalley av. |
| Guilford Duncan | *St. Louis, Mo.* | 250 York st. |
| Edward DeLancey Eaton | *Albany, N. Y.* | 373 Crown st. |
| Frank Wales Eaton | *East Orange, N. J.* | 297 Crown st. |
| Richard Alvin Eble | *Newark, N. J.* | 126 High st. |
| Stanley Wells Edwards | *Granby, Conn.* | 57 Prospect st. |
| Edward Porter Eggleston | *New London, Conn.* | 333 York st. |
| Stephen Benton Elkins, Jr. | *Elkins, W. Va.* | 155 Elm st. |
| Christopher Pegues Ellerbe, Jr. | *St. Louis, Mo.* | 250 York st. |
| Gayton Ballard Ellis | *Brooklyn, N. Y.* | 75 Broadway |
| Edward Clarence Ellsbree | *Meriden, Conn.* | Meriden |
| Henry Edwards Ellsworth | *Simsbury, Conn.* | 265 L. |
| Arthur Edgar Ely | *East River, Conn.* | 53 Lake pl. |
| Orville Devere Estee | *Gloversville, N. Y.* | 418 B. |
| Edward Bathurst Fackler | *New Brighton, S. I., N. Y.* | 577 P. |
| Eugene Francis Farley | *Derby, Conn.* | Derby |
| John Sherlock Ferguson | *Washington, D. C.* | 248 York st. |
| Robert Ferguson | *Springfield, Mass.* | 363 WH. |
| Frank Farwell Ferry | *Lake Forest, Ill.* | 242 York st. |
| Henry Martyn Field | *Boston, Mass.* | 1044 Chapel st. |
| Irving Leonard Fisher | *New York City* | 121 N. |
| James Hiram Foster | *New Britain, Conn.* | 1161 Chapel st. |
| William Chauncey Fowler | *Durham Centre, Conn.* | 76 Howe st. |
| Alanson Gibbs Fox | *New York City* | 381 WH. |
| David Rowland Francis, Jr. | *St. Louis, Mo.* | 238 York st. |
| Laurence Frank | *Ogdensburg, N. Y.* | 159 York st. |
| Thomas Emlen Franklin | *Lancaster, Pa.* | 215 D. |
| Charles Henry Frederick | *Westfield, N. J.* | 205 Crown st. |

| | | |
|---|---|---|
| David Edgar French, Jr. | *Milwaukee, Wisc.* | 238 York st |
| Herbert Brewster Fuller | *Glen Ridge, N. J.* | 22 Lynwood st. |
| Albion Lester Gile | *Portland, Oregon* | 192 York st. |
| William Frederick Gillespie | *Stamford, Conn.* | 62 Lake pl. |
| Frederic William Gladding | *Essex, Conn.* | 90 Whalley av. |
| Clifford Joseph Gleason | *Colebrook, N. H.* | 19 Sylvan av. |
| John Elwin Gleason | *Oxford, N. Y.* | 20 Whalley av. |
| Arthur Stanley Goodwin | *Brooklyn, N. Y.* | 1076 Chapel st. |
| Harry Ellsworth Goss | *Lakeville, Conn.* | 360 WH. |
| Arthur Harmount Graves | *Hartford, Conn.* | 41 High st. |
| Harrison Gray | *New Haven, Conn.* | 126 N. |
| George Green | *Gloversville, N. Y.* | 99 Howe st. |
| Edward Belden Greene | *Cleveland, O.* | 567 P. |
| Edward Chace Greene | *Westminster, Conn.* | 20 Whalley av. |
| James Cowan Greenway | *Hot Springs, Ark.* | 120 York st. |
| Parker Ross Grubb | *Burlington, N. J.* | 313 York st. |
| Harold Humphrey Hackett | *New York City* | 24 High st. |
| Frank Eugene Hale | *Hartford, Conn.* | 47 Lake pl. |
| William Rodman Hamlin | *Easthampton, Mass.* | 165 York st. |
| William Hight Harding, Jr. | *Brooklyn, N. Y.* | 1136 Chapel st. |
| John Bryant Hartwell | *Providence, R. I.* | 159 York st. |
| Frederick Charles Havemeyer | *New York City* | 330 W. |
| Henry Osborn Havemeyer, Jr. | *New York City* | 330 W. |
| Claude Baldwin Hawkins | *Columbia, Conn.* | 205 Crown st. |
| Pliny Harold Hayes | *Buffalo, N. Y.* | 76 Howe st. |
| Lyman Cook Hedge | *Burlington, Iowa* | 269 L. |
| Thomas William Hefferan | *Grand Rapids, Mich.* | 84 Wall st. |
| Howard Covode Heinz | *Pittsburg, Pa.* | 250 York st. |
| Andrew Burt Heiskell | *Wheeling, W. Va.* | 223 York st. |
| Burns Henry | *Detroit, Mich.* | 537 P. |
| Edward Buffum Hill | *Yonkers, N. Y.* | 541 P. |
| William Beck Hills | *Orange, N. J.* | 205 Crown st. |
| Reuben Henry Hilton | *Newburgh, N. Y.* | 242 York st. |
| George Lyman Hinckley | *Northampton, Mass.* | 116 High st. |
| Leonard Albert Hochstadter | *New York City* | 250 York st. |
| John Morgan Hopkins | *Decherd, Tenn.* | 54 Garden st. |
| Harry Reeves Howell | *South Orange, N. J.* | 120 Dwight st. |
| Thomas Andrews Howell, Jr. | *New York City* | 271 L. |
| Christopher Hall Howes | *Yarmouth, Mass.* | 305 George st. |
| George Wolcott Hubbell, Jr. | *New York City* | 1161 Chapel st. |
| Clarence Powell Hulst | *Milwaukee, Wisc.* | 233 York st. |
| Henry Thomas Hunt | *Cincinnati, O.* | 9 Library st. |
| William Southworth Hunt | *Chatham, N. J.* | 242 York st. |
| Ralph Emerson Hutchinson | *Hubbardston, Mass.* | 139 Dwight st. |

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| Alonzo Frank Jack | *Pittsburg, Pa.* | 64 W. D. |
| Hopkin Jenkins | *Portland, Oregon* | 90 Whalley av. |
| Herbert Russell Jenney | *Cincinnati, O.* | 558 P. |
| Dale Crawford Jennings | *Pittsburg, Pa.* | 142 York st. |
| Bascom Johnson | *Washington, D. C.* | 540 P. |
| Harry Otis Johnson | *Machias, Me.* | 45 Edgewood av. |
| Owen McMahon Johnson | *New York City* | 584 P. |
| Charles Jones | *Seymour, Conn.* | 47 Lake pl. |
| Martin Thomas Kane | *Stamford, Conn.* | 62 Lake pl. |
| John Everett Keach | *Northampton, Mass.* | 421 B. |
| Raymond George Keeney | *Somersville, Conn.* | 381 WH. |
| Charles Alexis Kellogg, Jr. | *Carthage, Mo.* | 1079 Chapel st. |
| David Moulton Kellogg, Jr. | *New York City* | 155 Elm st. |
| Franklin Kennedy | *Buffalo, N. Y.* | 297 Crown st. |
| Lucius Collinwood Kingman | *Providence, R. I.* | 333 York st. |
| Allen Irving Kittle | *Ross, Cal.* | 542 P. |
| John Henry Klosterman | *Portland, Oregon* | 80 Broadway |
| Irving Gilliss Knox | *New York City* | 155 Elm st. |
| Preston Kumler | *Evansville, Ind.* | 562 P. |
| Timothy Aloysius Leary | *Scitico, Conn.* | 295 York st. |
| Ashley Day Leavitt | *Melrose, Mass.* | 92 Park st. |
| Samuel Samter Levy | *St. Louis, Mo.* | 241 L. |
| Kenneth Dwight Lippincott | *Newton Centre, Mass.* | 270 L. |
| Vincent Paddock Lobdell | *Brewster, N. Y.* | 407 B. |
| Frederic Irving Lockman | *New York City* | 538 P. |
| Hollister Logan | *Washington, Conn.* | 231 York st. |
| James Phinney Lombard | *Kansas City, Mo.* | 226 York st. |
| Maurice Ennis Lombardi | *Houston, Tex.* | 554 P. |
| James McMaster Long | *Pittsburg, Pa.* | 250 York st. |
| Gilbert Lovell | *Plainfield, N. J.* | 1079 Chapel st. |
| Cortlandt Francis Luce | *Hartford, Conn.* | 242 York st. |
| Henry William Lyman | *Greenfield, Mass.* | 333 York st. |
| George Armstrong Lyon, Jr. | *Brooklyn, N. Y.* | 238 York st. |
| Malcolm Lee McBride | *Cleveland, O.* | 568 P. |
| Thomas McCandless | *Meriden, Conn.* | 20 Clark st. |
| George Sterling McCartin | *Watertown, N. Y.* | 168 York st. |
| Joseph Medill McCormick | *Chicago, Ill.* | 238 York st. |
| Robert McCormick | *Harrisburg, Pa.* | 333 York st. |
| Robert Hall McCormick, Jr. | *Chicago, Ill.* | 270 Crown st. |
| William Marsh McCutchen | *Plainfield, N. J.* | 333 York st. |
| Louis Hanson McDuffee | *Rochester, N. H.* | 1079 Chapel st. |
| Ernest Clare McGouldrick | *Machias, Me.* | 45 Edgewood av. |
| Charles Wylie McKelvey | *Bridgeport, Conn.* | 382 WH. |
| Alexander Louis McKenzie | *Wareham, Mass.* | 165 York st. |

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|---|---|---|
| William Chase Mackey | *Franklin, Pa.* | 226 York st. |
| Allan MacLean | *Litchfield, Conn.* | 333 York st. |
| William Raymond Maloney, Jr. | *Poughkeepsie, N. Y.* | 126 N. |
| William Proctor Malony | *Dundee, N. Y.* | 248 York st. |
| Samuel Clinton Marty | *Kansas City, Mo.* | 1076 Chapel st. |
| Herbert Edwin Medway | *Scranton, Pa.* | 337 George st. |
| Dunlevy Milbank | *Greenwich, Conn.* | 270 Crown st. |
| Jesse Wright Miller | *Houston, Tex.* | 233 York st. |
| Rutger Bleecker Miller | *Galveston, Tex.* | 82 Wall st. |
| Matthew Mills | *Chicago, Ill.* | 226 York st. |
| William Ernst Minor | *Covington, Ky.* | 556 P. |
| Charles Monson, Jr. | *New Haven, Conn.* | 215 D. |
| Warner Moody | *Deadwood, S. Dak.* | 333 York st. |
| Hobart Moore | *Chicago, Ill.* | 546 P. |
| Joy Leslie Moore | *Camp Hill, Pa.* | 242 York st. |
| Sydney Byron Morton | *Maywood, Ill.* | 1079 Chapel st. |
| Henry Leo Moses | *Scranton, Pa.* | 425 Temple st. |
| Fred Nash | *Northfield Farms, Mass.* | 289 George st. |
| William Horatio Nelson | *West Suffield, Conn.* | 2 University pl. |
| Albert Cordoza Newcombe | *New York City* | 166 York st. |
| James Henry Niedecken | *Milwaukee, Wisc.* | 329 W. |
| Wesley Eugene Nims | *Ashburnham, Mass.* | 108 Dixwell av. |
| Crispin Oglebay | *Kansas City, Mo.* | 217 York st. |
| Eugene Walter Ong | *Cleveland, O.* | 250 York st. |
| Herman Max Opitz | *Norwich, Conn.* | 1098 Chapel st. |
| Clarence Eugene Ordway | *Winchester, Mass.* | 594 P. |
| Walker Lavallette Otis | *East Orange, N. J.* | 238 York st. |
| Brace Whitman Paddock | *Pittsfield, Mass.* | 22 College st. |
| Charles Randolph Page | *San Francisco, Cal.* | 217 York st. |
| Walter Sharp Page | *Columbus, O.* | 242 York st. |
| Dudley Chapin Palmer | *Chicago, Ill.* | 170 York st. |
| Roland Swift Palmer | *Amenia, N. Y.* | 233 York st. |
| Edwards Albert Park | *Gloversville, N. Y.* | 86 S. M. |
| Roswell Miller Patterson | *New York City* | 59 W. D. |
| James Warren Payton | *Westfield, Mass.* | 37 Eaton st. |
| Leonard Adolph Peck | *Gloversville, N. Y.* | 86 S. M. |
| Roger Crossman Peck | *North Bennington, Vt.* | 419 B. |
| Frank Denison Pendleton | *Somersville, Conn.* | 347 York st. |
| Charles Max Perry | *Portland, Me.* | 318 Elm st. |
| John Dodge Peters | *Newark, N. J.* | 238 York st. |
| John Cleveland Phillips | *Putnam, Conn.* | 159 York st. |
| John Calhoun Pickett | *Northampton, Mass.* | 580 P. |
| Edward Rundel Pidgeon | *Norwalk, Conn.* | 94 York sq. |
| William Post, Jr. | *Newport, R. I.* | 238 York st. |

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|---|---|---|
| Sylvester David Powell | *Easton, Conn.* | 101 Dwight st. |
| Horace Martin Poynter | *Shelbyville, Ky.* | 97 Olive st. |
| Oscar Stoddard Pulman, Jr. | *Albany, N. Y.* | 281 Crown st. |
| John Pierrepont Rice | *Santa Barbara, Cal.* | 77 Elm st. |
| William Gray Ricker | *Ryegate, Vt.* | 80 Broadway |
| Pliny Sexton Riggs | *Palmyra, N. Y.* | 76 Howe st. |
| Reuben Buck Robertson | *Cincinnati, O.* | 120 York st. |
| Percy Avery Rockefeller | *New York City* | 544 P. |
| Edward Clary Root | *Greenwich, Conn.* | 581 P. |
| Sidney Clarence Rosenberg | *New Haven, Conn.* | 103 Bishop st. |
| Adolph Hirsch Rosenfeld | *Owensboro, Ky.* | 423 Temple st. |
| Malcolm Day Rudd | *Lakeville, Conn.* | 233 York st. |
| Frank Henry Russell | *Bridgeport, Conn.* | 251 Crown st. |
| Robert Russell | *Canton, N. Y.* | 238 York st. |
| Harry Granville Sanders | *Concord, N. H.* | 53 Lake pl. |
| Walter Sidney Sanford | *Sherburne, N. Y.* | 396 B. |
| William Edgar Schoyer | *Pittsburg, Pa.* | 170 York st. |
| Richard Jewett Schweppe | *St. Louis, Mo.* | 333 York st. |
| Warren Bartlett Seabury | *Dedham, Mass.* | 53 Lake pl. |
| Walter Corwin Senger | *Port Jervis, N. Y.* | 62 Lake pl. |
| Herman Shaffer | *Philadelphia, Pa.* | 1010 Chapel st. |
| George Cass Shelby | *Grand Rapids, Mich.* | 238 York st. |
| George Melville Shepherd | *New York City* | 250 York st. |
| Arthur Leighton Sherman | *Castleton, Vt.* | 427 Temple st. |
| Wilfrid Halsted Sherrill | *Poughkeepsie, N. Y.* | 333 York st. |
| Franklin Victory Sikes | *Suffield, Conn.* | 17½ Oak st. |
| George Welch Simmons | *St. Louis, Mo.* | 226 York st. |
| Thomas Simons | *Yonkers, N. Y.* | 598 P. |
| Harrison Preservèd Smith | *East Northfield, Mass.* | 155 F. |
| Herbert Raymond Smith | *New London, Conn.* | 333 York st. |
| Rollin Aaron Spalding, Jr. | *Lynn, Mass.* | 226 York st. |
| Chauncey Blair Spears | *New York City* | 553 P. |
| Howard Speer | *Cincinnati, O.* | 361 WH. |
| Thomas Henry Spence | *Milwaukee, Wisc.* | 238 York st. |
| Charles Alexander Starne | *Leadville, Col.* | 248 York st. |
| Charles Stetson | *Bangor, Me.* | 254 York st. |
| Garrett Stevens | *Reading, Pa.* | 1044 Chapel st. |
| Robert Stevenson, Jr. | *Chicago, Ill.* | 1076 Chapel st. |
| Edward Collins Stone | *Hartford, Conn.* | 216 D. |
| Mason Albert Stone, Jr. | *New York City* | 77 Grove st. |
| Lyman B Stookey | *Belleville, Ill.* | 60 Whalley av. |
| William Brewster Stoskopf | *Freeport, Ill.* | 406 B. |
| Corliss Esmonde Sullivan | *Cleveland, O.* | 568 P. |
| Thomas Walter Swan | *Northampton, Mass.* | 231 York st. |

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|---|---|---|
| John Walter Sweeney | *New Haven, Conn.* | 219 Whalley av. |
| Hulbert Taft | *Cincinnati, O.* | 22 College st. |
| Edward Hubbert Tatum | *New York City* | 538 P. |
| Warner Varnum Taylor | *Wakefield, Mass.* | 261 Crown st. |
| George Bremner Tennant | *Waterbury, Conn.* | 117 Elm st. |
| David Darrow Tenney | *Minneapolis, Minn.* | 584 P. |
| Charles Thaddeus Terry | *Milan, Italy* | 84 Wall st. |
| Lyndon Blaine Tewksbury | *Bangor, Me.* | 361 WH. |
| David Ogle Thomas | *Belleville, Ill.* | 9 Library st. |
| Leonard Moorhead Thomas | *Philadelphia, Pa.* | 217 York st. |
| Ralph Willis Thomas | *Anaconda, Mont.* | 60 Whalley av. |
| Charlton Brice Thompson | *Covington, Ky.* | 70 Howe st. |
| Elbert Nevius Sebring Thompson | *East Orange, N. J.* | 127 N. |
| Warren Parsons Thorpe | *Philadelphia, Pa.* | 231 York st. |
| Charles Lewis Tiffany, 2d | *New York City* | 382 WH. |
| Eyler Jonathan Todd | *Springfield, O.* | 488 State st. |
| William Evarts Tracy | *Plainfield, N. J.* | 233 York st. |
| Charles Terry Treadway | *Bristol, Conn.* | 539 P. |
| Carlisle Bronson Tuttle | *Naugatuck, Conn.* | 250 York st. |
| Raymond Lathrop Tweedy | *Binghamton, N. Y.* | 554 P. |
| Reuben Carter Twichell | *Plantsville, Conn.* | 269 L. |
| Roger Pierpont Tyler | *New Haven, Conn.* | 32 College st. |
| Albert William VanBuren | *Lynn, Mass.* | 261 Orange st. |
| Albert VanderVeer, Jr. | *Albany, N. Y.* | 133 Wall st. |
| Laurence VanDyke | *Milwaukee, Wisc.* | 333 York st. |
| Joseph Tilney Wadsworth | *Plainfield, N. J.* | 320 W. |
| Philip Cory Walcott | *Rutherford, N. J.* | 92 Park st. |
| Elisha Walker | *New York City* | 123 York st. |
| Harry Alcott Walton | *New York City* | 248 York st. |
| Gardner Colby Walworth | *Newton Centre, Mass.* | 270 L. |
| Edgar Percy Ward | *Orange, N. J.* | 1044 Chapel st. |
| Charles Ellingham Weeks | *Bridgeport, Conn.* | 118 College st. |
| Rudolph Frederick Weichert | *Danbury, Conn.* | 119 Park st. |
| William Howard Weiss | *Schuylkill Haven, Pa.* | 305 George st. |
| Harry Hubbard Wells | *Brewster, N. Y.* | 407 B. |
| Henry Dexter Wescott | *Haddonfield, N. J.* | 22 College st. |
| George Hoyt Whipple | *Ashland, N. H.* | 80 Broadway |
| George Newell Whittlesey | *New Haven, Conn.* | 135 Wall st. |
| Henry Parmelee Wickes | *New York City* | 537 P. |
| Herbert Gilman Williams | *Rochester, N. Y.* | 149 F. |
| John Nelson Williams | *Bedford Village, N. Y.* | |
| William Biddle Williams | *Haverford, Pa.* | 168 York st. |
| William Kingsley Williams | *Cheyenne, Wyoming* | 305 George st. |
| Charles Hulbert Wilson | *Pittsfield, Mass.* | 22 College st. |

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|---|---|---|
| Keyes Winter | *Indianapolis, Ind.* | 248 York st. |
| Frederick Harvey Winters | *Indianapolis, Ind.* | 553 P. |
| Harry Parker Wood | *Gloversville, N. Y.* | 569 P. |
| Sydney Mixsell Wood | *Mt. Vernon, N. Y.* | 294 Elm st. |
| George Ludington Young | *Chicago, Ill.* | 1076 Chapel st. |
| Herbert Charles Zellhoefer | *Brooklyn, N. Y.* | 333 York st. |

FRESHMEN, 355

## SUMMARY

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|---|---|
| SENIORS | 280 |
| JUNIORS | 295 |
| SOPHOMORES | 307 |
| FRESHMEN | 355 |
| | 1237 |

# SHEFFIELD SCIENTIFIC SCHOOL

## GRADUATE STUDENTS

| | | |
|---|---|---|
| Francis Mulliken Adams, PH.B.<br>Yale University 1892 | *New Haven, Conn.* | 146 Edwards st. |
| Frederick Carhart Adams, A.B.<br>Williams College 1895 | *Natick, Mass.* | 91 Bristol st. |
| Walter Hinds Allen, B.A.<br>Yale University 1895 | *New Haven, Conn.* | 58 W. D. |
| Bayard Barnes, PH.B.<br>Yale University 1895 | *New Haven, Conn.* | 1442 Chapel st. |
| Leslie Dayton Bissell, PH.D.<br>Yale University | *Keene, N. H.* | 1010 Chapel st. |
| Bertram Borden Boltwood, PH.B.<br>Yale University 1892 | *Castleton, N. Y.* | 162 S. L. |
| Zakar Elijah Boyajian, B.A.<br>Euphrates College 1895 | *Harpoot, Turkey* | 249 Crown st. |
| Henry Andrews Bumstead, B.A.<br>Johns Hopkins University 1891 | *New Haven, Conn.* | 203 Lawrence st. |
| Otis Gridley Bunnell, PH.B.<br>Yale University 1892 | *Burlington, Conn.* | 96 York sq. |
| George Harry Clark, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 125 Spring st. |
| Lee DeForest, PH.B.<br>Yale University 1896 | *Talladega, Ala.* | 387 Temple st. |
| George Francis Eaton, B.A.<br>Yale University 1894 | *New Haven, Conn.* | 70 Sachem st. |
| Harry Ward Foote, PH.B.<br>Yale University 1895 | *New Haven, Conn.* | 162 S. L. |
| Henri Comstock Garneau, B.A.<br>St. Louis University 1893,<br>PH.B. Yale University 1895 | *St. Louis, Mo.* | 46 College st. |
| William John Gies, M.S.<br>Gettysburg College 1896,<br>PH.B. Yale University 1894 | *Manheim, Pa.* | 2 Hillhouse av. |
| George Wilbur Fiske Gillette, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 9 Eld st. |
| William Anthony Granville, PH.B.<br>Yale University 1893 | *New Haven, Conn.* | 487 Orange st. |
| Herbert Ernest Gregory, B.A.<br>Yale University 1896 | *Neligh, Nebr.* | 74 Lake pl. |
| Matthew Griswold, Jr., PH.B.<br>Yale University 1888 | *Erie, Pa.* | A. |
| Josiah Harmar, PH.B.<br>Yale University 1892 | *Philadelphia, Pa.* | A. |

| | | |
|---|---|---|
| Herbert Edwin Hawkes, B.A.<br>Yale University 1896 | *Templeton, Mass.* | 61 Garden st. |
| Yandell Henderson, B.A.<br>Yale University 1895 | *Louisville, Ky.* | 81 Wall st. |
| Lemuel Robert Hopton, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 13 Lake pl. |
| Everett Bradley Hurlburt, PH.B.<br>Yale University 1894 | *Roxbury, Conn.* | 145 College st. |
| Charles Anthony Ingersoll, PH.B.<br>Yale University 1893 | *New Haven, Conn.* | 24 Elm st. |
| Holmes Condict Jackson, PH.B.<br>Yale University 1896 | *Newark, N. J.* | 36 Elm st. |
| Richard Shelton Kirby, PH.B.<br>Yale University 1896 | *Port Chester, N. Y.* | 317 Crown st. |
| Edwin Hoyt Lockwood, M.E.<br>Yale University 1892 | *New Canaan, Conn.* | 150 College st. |
| Henry Edwin McDermott, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 268 Orchard st. |
| Boynton Wells McFarland, PH.D.<br>Yale University 1891 | *New Haven, Conn.* | 420 Temple st. |
| William Crosby Marshall, M.E.<br>Yale University 1894 | *Cromwell, Conn.* | 55 N. S. H. |
| Howard Farr Metcalf, PH.B.<br>Yale University 1896 | *Holyoke, Mass.* | 46 College st. |
| Edward Eastman Minor, PH.B.<br>Yale University 1896 | *New Haven, Conn.* | 123 Columbus av. |
| Henry Hotchkiss Murray, PH.B.<br>Yale University 1893 | *Viola, Del.* | 54 Garden st. |
| Theophilus Nelson, PH.B.<br>Yale University 1892 | *New Haven, Conn.* | 57 Lake pl. |
| Silas Beach Patterson, PH.B.<br>Yale University 1894 | *Torrington, Conn.* | 55 Dwight pl. |
| Miles Albion Pond, PH.B.<br>Yale University 1892 | *Torrington, Conn.* | 57 Grove st. |
| Charles Theodore Ramsden, PH.B.<br>Yale University 1896 | *Santiago de Cuba, Cuba* | 1040 Chapel st. |
| Frederick Archer Raymond, PH.B.<br>Yale University 1896 | *Norwalk, Conn.* | 196 Grove st. |
| Chauncey Brewster Rice, PH.B.<br>Yale University 1894 | *New Haven, Conn.* | 56 N. S. H. |
| Henry Hollister Robinson, PH.B.<br>Yale University 1895 | *Hartford, Conn.* | 297 York st. |
| Thomas Rodman, PH.B.<br>Yale University 1896 | *New Haven* | 165 York st. |
| Ely Morgan Talcott Ryder, PH.B.<br>Yale University 1896 | *Danbury, Conn.* | 10 Park st. |
| Charles Edward Sargent, B.A.<br>Bates College 1883 | *New Haven, Conn.* | 187 Lawrence st. |

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|---|---|---|
| Horace Mann Snyder, B.A.<br>Yale University 1895 | *New Haven, Conn.* | 1010 Chapel st. |
| Chester Stone Spencer, PH.B.<br>Yale University 1894 | *Guilford, Conn.* | A. |
| Frederic Clarence Spencer, PH.B.<br>Yale University 1893 | *Old Saybrook, Conn.* | 48 N. S. H. |
| George Pratt Starkweather, M.E.<br>Yale University 1894 | *New Haven, Conn.* | 344 Cedar st. |
| Alfred Hall Stevens, PH.B.<br>Yale University 1893 | *Clinton, Conn.* | A. |
| Amasa Trowbridge, PH.B.<br>Yale University 1891 | *New Haven, Conn.* | 685 Orange st. |
| Elisha Grant Trowbridge, PH.B.<br>Yale University 1894 | *New Haven, Conn.* | 685 Orange st. |
| Willard Gibbs VanName, B.A.<br>Yale University 1894 | *New Haven, Conn.* | 121 High st. |
| Charles Hyde Warren, PH.B.<br>Yale University 1896 | *Watertown, Conn.* | 53 Prospect st. |
| Lynde Phelps Wheeler, PH.B.<br>Yale University 1894 | *New Haven, Conn.* | 150 College st. |

GRADUATE STUDENTS, 54

## SENIOR CLASS

| | | |
|---|---|---|
| Hubert Hillary S. Aimes | *Woodmont, Conn.* | 339 Orange st. |
| Edward Fiske Ashley | *Waterbury, Conn.* | 91 Lake pl. |
| Amos Foote Barnes | *New Haven, Conn.* | 88 Wall st. |
| Nelson Ludington Barnes | *Chicago, Ill.* | 117 Wall st. |
| Danford Sturgis Barney | *New York City* | 117 Wall st. |
| Charles Howard Bartlett | *Bethlehem, N. H.* | 297 Crown st. |
| Clifford Whittingham Beers | *New Haven, Conn.* | 583 Orange st. |
| Joseph Congdon Belden | *Chicago, Ill.* | 120 High st. |
| Charles Russell Bement | *Terre Haute, Ind.* | 131 Grove st. |
| Charles Brewster Benedict, Jr. | *Attica, N. Y.* | 117 Wall st. |
| Winchester Bennett | *New Haven, Conn.* | 131 Grove st. |
| Charles Henry Berry, Jr. | *West Haven, Conn.* | West Haven |
| John Walter Best | *Denver, Col.* | 103 Wall st. |
| Anson Gardner Betts | *Lansingburgh, N. Y.* | 120 High st. |
| Philip Worcester Bill | *Bridgeport, Conn.* | 22 College st. |
| Clinton Talcott Bissell | *S. Manchester, Conn.* | 225 Crown st. |
| Robert Allen Boardman | *Hartford, Conn.* | 347 Orange st. |
| Harry Graham Bockius | *Canton, O.* | 22 College st. |
| Joseph Fearnley Bonnell | *Youngstown, O.* | 125 High st. |
| Newell Charles Bradley | *New Haven, Conn.* | 102 Wall st. |
| Edward Arthur Bredt | *Orange, N. J.* | 111 Grove st. |
| Arthur Brewer | *New Haven, Conn.* | 88 Wall st. |
| Edward Harris Brewer | *Springfield, Mass.* | 131 Grove st. |
| Curtis Palmer Brown | *Comstock's Bridge, Conn.* | 28 Trumbull st. |
| Ernest William Brown | *New Haven, Conn.* | 106 Sherman av. |
| George Lockwood Brown | *Washington, Conn.* | 117 Wall st. |
| James Harper Bryson | *St. Louis, Mo.* | 117 Wall st. |
| Clifford Hale Buckingham | *Pittsfield, Mass.* | 111 Grove st. |
| William Edward Bush | *West Haven, Conn.* | West Haven |
| Joel Ives Butler | *New Haven, Conn.* | 43 College st. |
| Walter Scott Cameron | *New York City* | 111 Grove st. |
| Edward Wallace Carlton | *Elizabeth, N. J.* | 111 Grove st. |
| Lemuel Ray Carter | *St. Louis, Mo.* | 88 Wall st. |
| Sol Branch Cerf | *Atlanta, Ga.* | 117 Wall st. |
| Albert Roberts Chamberlain | *Meriden, Conn.* | 59 Grove st. |
| Burr Clark Chamberlin | *Dalton, Mass.* | 117 Wall st. |
| Richard Otis Cheney, Jr. | *S. Manchester, Conn.* | 104 Wall st. |
| Colby Mitchel Chester, Jr. | *Washington, D. C.* | 131 Grove st. |
| James Edward Clark | *New Haven, Conn.* | 14 Jefferson st. |

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| Mancel Talcot Clark | *Chicago, Ill.* | 22 College st. |
| George Ulmer Clausen | *New York City* | 22 College st. |
| Frank Benedict Cleland | *New York City* | 101 Wall st. |
| Augustus Coit | *Norwich, Conn.* | 65 W. D. |
| Craig Colgate | *New York City* | 133 College st. |
| Arthur Corlies | *Brooklyn, N. Y.* | 133 College st. |
| Wiley O. Dillon Cox, Jr. | *Kansas City, Mo.* | 131 Grove st. |
| George Eversleigh Cram | *Norwalk, Conn.* | 250 York st. |
| Otis Gilbert Crane | *Bethlehem, Conn.* | 44 Elm st. |
| James Crapo Cristy | *Detroit, Mich.* | 120 College st. |
| Thomas Bealle Davis, Jr. | *Davis, West Va.* | 22 College st. |
| Rathbone Emile DeBuys, B.S. Tulane University 1896 | *New Orleans, La.* | 124 Wall st. |
| Dudley Brainard Deming | *Litchfield, Conn.* | 36 Elm st. |
| Duncan Douglas | *Albany, N. Y.* | 310 Elm st. |
| John Irving Downey | *New York City* | 22 College st. |
| Alexander Charles Drew | *Davenport, Iowa* | 313 York st. |
| Ernest Albert Edwards | *Brooklyn, N. Y.* | 36 Elm st. |
| Gaston Holcomb Edwards | *Granby, Conn.* | 57 Prospect st. |
| Franklin Jonathan Ely | *Chicago, Ill.* | 43 College st. |
| Bennett William Farnham | *Westville, Conn.* | 12 University pl. |
| Clifford Raphael Farnsworth | *Whitneyville, Conn.* | 357 Orange st. |
| George Hamilton Flinn | *Pittsburg, Pa.* | 111 Grove st. |
| John D. Perry Francis | *St. Louis, Mo.* | 22 College st. |
| George Henry Freeman | *Woodbury, Conn.* | 407 Temple st. |
| Winsor Pitcher French | *Saratoga Springs, N. Y.* | 111 Grove st. |
| Cornelius Joseph Gaffney | *West Haven, Conn.* | West Haven |
| Christopher Milton Gallup | *Norwich, Conn.* | 57 Prospect st. |
| Julian Munro Gerard | *New York City* | 133 College st. |
| Thomas Howard Gillespie | *Pittsburg, Pa.* | 111 Grove st. |
| Marcus Goodbody | *Haledon, N. J.* | 22 College st. |
| William Heazlit Gould | *Aurora, N. Y.* | 131 Grove st. |
| Robert Jeffrey Grant | *Syracuse, N. Y.* | 131 Grove st. |
| John Louis Gregory | *Cannon, Conn.* | 8 Prospect pl. |
| William Francis Roelofson Griffith | *Morristown, N. J.* | 117 Wall st. |
| William Jackson Grippin | *Bridgeport, Conn.* | 117 Wall st. |
| Charles Henry Hall | *Brooklyn, N. Y.* | 99 Howe st. |
| John Arthur Hall | *New Haven, Conn.* | 38 Lynwood st. |
| John Baptiste Hall, Jr. | *New Orleans, La.* | 6 E. D. |
| Laurence Brewster Hamlin | *Elgin, Ill.* | 131 Grove st. |
| Augustus Heaton, Jr. | *Washington, D. C.* | 22 College st. |
| John Jones Hewitt | *Tacoma, Wash.* | 43 College st. |
| Ross Anderson Hickok | *Bedford, Pa.* | 131 Grove st. |
| James Ladd Hitchcock | *Buffalo, N. Y.* | 120 High st. |

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|---|---|---|
| Reuben Hitchcock | *Cleveland, O.* | 1076 Chapel st. |
| Nathaniel White Hobbs | *Concord, N. H.* | 126 Wall st. |
| Edson Allen Hoffman | *Frankfort, Ky.* | 289 York st. |
| Samuel Eugene Hoyt | *New Haven, Conn.* | 43 College st. |
| George Huntington Hulbert, Jr. | *Middletown, Conn.* | 53 Prospect st. |
| Howard Starr Humphrey | *New Britain, Conn.* | 130 Wall st. |
| Allen Sturdevant Hurlburt | *Roxbury, Conn.* | 145 College st. |
| Howard Maxwell Ingham | *Philadelphia, Pa.* | 117 Wall st. |
| Joseph Richard Jackson | *Pittsburg, Pa.* | 43 College st. |
| Robert Crawford Jeffcott | *Westville, Conn.* | 204 Crown st. |
| Raymond Smith Jewett | *Bridgeport, Conn.* | Bridgeport |
| Robert Stewart Kilborne | *Orange, N. J.* | 103 Wall st. |
| Jacob Adolph Konig | *New Haven, Conn.* | 117 Park st. |
| Barclay Ward Kountze | *New York City* | 90 Wall st. |
| Guy Collville Lane | *Hillsboro, Ill.* | 126 Wall st. |
| Hubert Asahel Lane | *Russell, Pa.* | 99 Howe st. |
| George Langford | *St. Paul, Minn.* | 131 Grove st. |
| Robert Carr Lanphier | *Springfield, Ill.* | 36 Elm st. |
| Thomas McKennan Laughlin | *Pittsburg, Pa.* | 133 College st. |
| Richard Martin Lester | *Savannah, Ga.* | 22 College st. |
| Harold Willis Letton | *Chicago, Ill.* | 131 Grove st. |
| Willard Parker Lindley | *New York City* | 285 York st. |
| Laurent Lowenberg | *Cincinnati, O.* | 311 York st. |
| Benjamin Bronson Lum | *New Haven, Conn.* | 19 Compton st. |
| William Marshall Lund | *Bridgeport, Conn.* | 1016 Chapel st. |
| David Burnett McCalmont | *Franklin, Pa.* | 125 High st. |
| Harry Darlington McCandless | *Allegheny, Pa.* | 107 Wall st. |
| Francis Wetmore McMillan | *Detroit, Mich.* | 133 College st. |
| Richard Mather | *New Haven, Conn.* | 247 St. Ronan st. |
| Henry Meinken, Jr. | *New York City* | 125 High st. |
| Robert Clifford Merwin | *New Britain, Conn.* | 130 Wall st. |
| Alexander Middleton | *Spuyten Duyvil, N. Y.* | 1002 Chapel st. |
| John Jacob Miller | *Canton, O.* | 126 Wall st. |
| Paul Denckla Mills | *West Point, N. Y.* | 131 Grove st. |
| Jerome Boniface Monks | *New York City* | 59 Wall st. |
| George Pillsbury Morrill | *Springfield, Mass.* | 310 Elm st. |
| Armand Vanuxem Morris | *Bristol, Pa.* | 1184 Chapel st. |
| Edward Bontecou Morris | *Hartford, Conn.* | 111 Grove st. |
| Charles Henry Morrison | *La Porte, Ind.* | 117 Wall st. |
| Paul Babcock Munson | *Albany, N. Y.* | 120 High st. |
| Lang Murray | *Goshen, N. Y.* | 133 College st. |
| Richard Irving Neithercut | *Bridgeport, Conn.* | 22 College st. |
| William Browning Nisbet | *Yonkers, N. Y.* | 111 Grove st. |
| Henry Prime Noble | *Brooklyn, N. Y.* | 347 York st. |

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|---|---|---|
| Francis Stanley North | *Chicago, Ill.* | 130 Wall st. |
| Hugh MacAlister North, Jr. | *Columbia, Pa.* | 110 Wall st. |
| James Stanley North | *New Britain, Conn.* | 130 Wall st. |
| Ernest High Noyes | *Chicago, Ill.* | 120 High st. |
| Thomas Gould Otis, Jr. | *Chicago, Ill.* | 22 College st. |
| Elijah Hunter Owen | *Buckland, Conn.* | 311 York st. |
| Harrie Waterman Peck | *New Britain, Conn.* | 120 College st. |
| Thomas Wharton Phillips, Jr. | *New Castle, Pa.* | 125 High st. |
| Henry Sparks Pickands | *Cleveland, O.* | 77 Wall st. |
| William Kinney Pike | *S. Killingly, Conn.* | 57 Prospect st. |
| John Henry Porter | *Denver, Col.* | 133 College st. |
| Harold Henry Pratt | *Westport, Conn.* | 295 York st. |
| Charles Oscar Purinton | *New Hartford, Conn.* | 14 Whalley av. |
| Allen Edward Ransom | *Lancaster, N. Y.* | 63 Grove st. |
| Gaius Barrett Rich, Jr. | *Buffalo, N. Y.* | 22 College st. |
| Hopewell Lindenberger Rogers | *Chicago, Ill.* | 131 Grove st. |
| John Bailey Rose | *Newburgh, N. Y.* | 22 College st. |
| Thaddeus Barnes Ryman | *Wilkes-Barré, Pa.* | 111 Grove st. |
| Daniel Dow Schenck | *Toledo, O.* | 130 Wall st. |
| Frederick A. Muhlenberg Schieffelin | *New York City* | 133 College st. |
| Carl Rudolph Schultz | *Murray Hill, N. J.* | 109 Wall st. |
| William Dowd Scranton | *New Haven, Conn.* | 32 Park st. |
| Allen Hartley Seed | *Brooklyn, N. Y.* | 311 York st. |
| Ernest Edward Selleck | *Norwalk, Conn.* | 263 Orange st. |
| Horace Emerson Setchell | *New Haven, Conn.* | 212 English st. |
| Horace Reynolds Shares | *New Haven, Conn.* | 43 College st. |
| John Elliot Shaw | *Minneapolis, Minn.* | 131 Grove st. |
| William Kent Shepard | *New Haven, Conn.* | 78 Dickerman st. |
| Dunham Baldwin Sherer | *New York City* | 125 High st. |
| Frank Colton Shipman | *Wallingford, Conn.* | 63 Olive st. |
| Francis William Simmons | *Toledo, O.* | 22 College st. |
| Oswald Lindsay Simpson | *New York City* | 1142 Chapel st. |
| Mason Foote Smith | *Branford, Conn.* | Branford |
| Harry Bronson Snell | *New Haven, Conn.* | 105 Wooster st. |
| Seth Sylvester Spencer, Jr. | *Buffalo, N. Y.* | 22 College st. |
| Francis Kerby Stevens | *Lawrence, N. Y.* | 313 York st. |
| Howard Linsley Stevenson | *Meriden, Conn.* | 59 Grove st. |
| Clarence Hoyt Stilson, Jr. | *New Haven, Conn.* | 269 Canner st. |
| Arthur Rodman Townsend | *New York City* | 110 Wall st. |
| George Robinson Tracy | *New London, Conn.* | 299 York st. |
| Horace Burt Tuttle | *Cleveland, O.* | 77 Wall st. |
| Edmund Francis Tweedy | *Danbury, Conn.* | 119 Wall st. |
| William Valentine | *New York City* | 299 York st. |
| Robert Seymour VanBuren | *Norwalk, Conn.* | 250 York st. |

| | | |
|---|---|---|
| Leonard Hall VanEvery | *Brooklyn, N. Y.* | 125 High st. |
| Charles Thorne VanWinkle | *Ridgefield, Conn.* | 55 Prospect st. |
| Louis Eugene Voorheis | *Cincinnati, O.* | 117 Wall st. |
| Noah Samuel Wadhams | *New Haven, Conn.* | 22 Prince st. |
| Clinton Geib Wallis | *East Orange, N. J.* | 133 College st. |
| Henry Purdy Weaver | *Mansfield, O.* | 149 College st. |
| Henry Selden Weller | *Hempstead, N. Y.* | 145 College st. |
| Edward Marshall West | *Port Chester, N. Y.* | 263 Orange st. |
| Levi Wilcox | *Waterbury, Conn.* | 313 York st. |
| William Boas Wood | *Pittsburg, Pa.* | 117 Wall st. |
| Charles Lewis Young, Jr. | *Springfield, Mass.* | 310 Elm st. |
| Augustus Oothout Zabriskie | *New York City* | 285 York st. |

SENIORS, 182

## JUNIOR CLASS

| | | |
|---|---|---|
| Arba Kellogg Alford | *Winsted, Conn.* | 133 Wall st. |
| Joseph Wright Alsop | *Middletown, Conn.* | 133 College st. |
| Frederick Theodore Anderson | *New Haven, Conn.* | 169 West st. |
| John Norman Anderson | *Norwich, Conn.* | 169 West st. |
| Charles Gurney Atha | *Newark, N. J.* | 110 Wall st. |
| Alfred Austell | *Atlanta, Ga.* | 114 High st. |
| Nelson Maitland Ayers | *Fairview, N. J.* | 36 Elm st. |
| Rowan Ayres | *Cincinnati, O.* | 332 Temple st. |
| Richard Nicholls Barnum | *Lime Rock, Conn.* | 131 Grove st. |
| Stanley Yale Beach | *Stratford, Conn.* | 59 Grove st. |
| Bernhard Beinecke, Jr. | *New York City* | 36 Elm st. |
| Hamilton Fish Benjamin | *Garrison-on-Hudson, N. Y.* | 133 College st. |
| Edwin Carlton Blackman | *Fishkill-on-Hudson, N. Y.* | 64 Edgewood av. |
| Louis Lambert Borden | *Chicago, Ill.* | 111 Grove st. |
| Cyrus Increase Bosworth | *Elgin, Ill.* | 43 College st. |
| Robert Ernest Broatch | *Middletown, Conn.* | 78 Lake pl. |
| Paul Joe Brown | *Albany, Ga.* | 86 W. D. |
| Robert Drake Brown | *Hartford, Conn.* | 65 York sq. |
| Daniel Frederick Buckingham | *Milford, Conn.* | 261 Crown st. |
| Edwin Prall Campbell | *Paterson, N. J.* | 119 Wall st. |
| Harold Eugene Carpenter | *Willimantic, Conn.* | 146 College st. |
| Frank Valentine Chappell | *New London, Conn.* | 1044 Chapel st. |
| Louis Albert Chase | *Plainfield, N. J.* | 116 College st. |
| George Sheldon Chauncey | *Brooklyn, N. Y.* | 111 Grove st. |
| Austin Cheney | *S. Manchester, Conn.* | 133 College st. |
| William Francis Cochran, Jr. | *Yonkers, N. Y.* | 111 Grove st. |
| Clarence Hyde Cooke | *Honolulu, H. I.* | 43 College st. |
| Ralph Hunter Cumings | *Tidioute, Pa.* | 86 W. D. |
| Clifford Wayne Cunningham | *Savannah, Ga.* | 133 College st. |
| Frederick Farnham Davis | *Cottage City, Mass.* | 36 Elm st. |
| Samuel Sherman Day | *New Haven, Conn.* | 108 High st. |
| Osgood Harrison Dowell | *Woodside, Md.* | 99 Wall st. |
| Joseph Percy Drake | *New York City* | 150 Grove st. |
| Edmund John Drummond | *New York City* | 90 Wall st. |
| George William Dulany, Jr. | *Hannibal, Mo.* | 125 High st. |
| Robert Franklin Dyer | *Dansville, N. Y.* | 103 Wall st. |
| Allan Chotard Eustis, B.S. Tulane University 1896 | *New Orleans, La.* | 124 Wall st. |
| Fred Gilbert Ferrey | *Pittsfield, Mass.* | 104 Wall st. |

| | | |
|---|---|---|
| Newell Simmons Ferry | *New Haven, Conn.* | 350 Elm st. |
| Thomas Rawdon Fisher, Jr. | *New Rochelle, N. Y.* | 111 Grove st. |
| Lawrence Fitch | *Milwaukee, Wisc.* | 88 Wall st. |
| Edward Ludlow Freeland | *New York City* | 111 Grove st. |
| Frederick Taylor Gause | *Wilmington, Del.* | 88 Wall st. |
| Walter Fraser Gibson | *Buffalo, N. Y.* | 22 College st. |
| George Daggett Gordon | *Cleveland, O.* | 133 College st. |
| Pierce William Grace | *Brooklyn, N. Y.* | 124 Wall st. |
| Justin Frank Grant | *Stamford, Conn.* | 141 College st. |
| Clarence Dunlap Greene | *Pittsburg, Pa.* | 17 Lake pl. |
| Gilbert Christian Greenway, Jr. | *Hot Springs, Ark.* | 131 Grove st. |
| Lester Walton Hall | *Kansas City, Mo.* | 1 Hillhouse av. |
| Alfred Southmayd Hamlin | *New Haven, Conn.* | 26 Howe st. |
| Alexander Harper | *New Britain, Conn.* | 333 York st. |
| Byron Schermerhorn Harvey | *Leavenworth, Kan.* | 90 Wall st. |
| Herbert Hastings | *Hartford, Conn.* | 135 Davenport av. |
| James Hess | *Easton, Pa.* | 36 Elm st. |
| James Leland Howard, Jr. | *Hartford, Conn.* | 133 College st. |
| Nelson Arthur Howard | *Brownsburg, Canada* | 125 High st. |
| Robert Robinson Howard | *South Orange, N. J.* | 126 High st. |
| Edward Townsend Howes | *Stamford, Conn.* | 110 Wall st, |
| Harry Terry Hulst | *Milwaukee, Wisc.* | 135 College st. |
| George Hoppin Humphreys, Jr. | *New York City* | 133 College st. |
| Edward Reed Ingraham | *Hartford, Conn.* | 103 Wall st. |
| Howard Chapin Ives | *West Cheshire, Conn.* | 625 George st. |
| William Frederick Jelke | *Cincinnati, O.* | 113 Wall st. |
| Treat Baldwin Johnson | *Bethany, Conn.* | 6 E. D. |
| Rutherford Ballou Keeler | *Norwalk, Conn.* | 261 Orange st. |
| Paul David Kelley | *Chicago, Ill.* | 130 Wall st. |
| Philo Rockwell King, Jr. | *Chicago, Ill.* | 107 Wall st. |
| George Oliver Kingsbury, Jr. | *Springfield, Mass.* | 89 Trumbull st. |
| Richard Krementz | *Newark, N. J.* | 36 Elm st. |
| Henry Carlton Lee | *Cleveland, O.* | 107 Wall st. |
| Edward Francis Leeds | *Stamford, Conn.* | 43 College st. |
| Pierre Edson Letchworth | *Buffalo, N. Y.* | 130 Wall st. |
| Crawford Livingston, Jr. | *St. Paul, Minn.* | 111 Grove st. |
| Louis Lasher Lorillard, Jr. | *New York City* | 133 College st. |
| James Joseph Lyons | *New Britain, Conn.* | 333 York st. |
| Frank Augustine McCrea | *Canton, O.* | 114 High st. |
| John Scott McFarland | *Buffalo, N. Y.* | 117 Wall st. |
| John Loomis McLaren | *Chicago, Ill.* | 113 Wall st. |
| Reune Martin | *New York City* | 133 College st. |
| Claude Harris Miller | *Newark, N. J.* | 43 College st. |
| Gerrish Hill Milliken | *New York City* | 264 York st. |

| | | |
|---|---|---|
| Sumner Gilbert Moon | *Eau Claire, Wisc.* | 132 Wall st. |
| William Moorhead Murdoch | *Pittsburg, Pa.* | 99 Wall st. |
| Henry Buckland Olmstead | *Branford, Conn.* | Branford |
| Charles Frederick Parker | *Guilford, Conn.* | 150 Grove st. |
| Harleigh Parkhurst | *Hartford, Conn.* | 103 Wall st. |
| Allan Edgar Philbrick | *Little Silver, N. J.* | 126 Wall st. |
| Frank Nathan Platt | *Milford, Conn.* | 64 Lake pl. |
| Raymond Platt | *New York City* | 39 College st. |
| Henry Homes Porter, Jr. | *Chicago, Ill.* | 107 Wall st. |
| Alfred Seton Post, Jr. | *Flushing, N. Y.* | 133 College st. |
| Harry W. Potter | *Salem, O.* | 125 High st. |
| Edgar Duryea Pouch | *Brooklyn, N. Y.* | 133 Wall st. |
| Robert Dodd Reynolds | *East Orange, N. J.* | 110 Wall st. |
| Jacob Elwood Ridgway, Jr. | *Columbus, N. J.* | 332 Temple st. |
| Henry Bulkley Rodman | *New Haven, Conn.* | 165 York st. |
| Edward Roesler | *Great Neck, N. Y.* | 133 Wall st. |
| Allen Merrill Rogers | *New York City* | 128 Wall st |
| Burnet Rathbone Ruggles | *New York City* | 131 Grove st. |
| William Phillips Sage | *Hartford, Conn.* | 103 Wall st. |
| Irvin Wilbur Sanford | *Island Pond, Pa.* | 347 York st. |
| John Martin Satterfield | *Buffalo, N. Y.* | 117 Wall st. |
| Edward Nelson Saunders, Jr. | *St. Paul, Minn.* | 99 Wall st. |
| Philip Rasselas Sears | *Kenilworth, Ill.* | 1040 Chapel st. |
| Richard Sheldon | *Rutland, Vt.* | 131 Grove st. |
| Charles Lindsley Sherwood | *Southport, Conn.* | 99 Wall st. |
| Edward James Sherwood | *Westport, Conn.* | 61 Prospect st. |
| Zenas Harrison Sikes | *Hartford, Conn.* | 17½ Oak st. |
| Arthur Benjamin Siviter | *Waterbury, Conn.* | 141 College st. |
| William Parsons Slocovich | *Brooklyn, N. Y.* | 126 High st. |
| Albert Carrington Smith | *Milford, Conn.* | 61 Prospect st. |
| Clarence Gilman Spalding | *New Haven, Conn.* | 9 High st. |
| Alexander Morrow Speer, Jr. | *Pittsburg, Pa.* | 131 Grove st. |
| Norman Church Spencer | *Hartford, Conn.* | 65 York sq. |
| William Pharr Stewart | *New Orleans, La.* | 130 Wall st. |
| Robert Edward Stone | *Chicago, Ill.* | 88 Wall st. |
| Howard Lee Stout | *Fort Scott, Kan.* | 125 High st. |
| Walter Knight Sturges | *Providence, R. I.* | 111 Wall st. |
| Walter Henry Sykes, Jr. | *New York City* | 150 Grove st. |
| Erastus Theodore Tefft | *New York City* | 22 College st. |
| James Lewis Thomson | *Hartford, Conn.* | 119 Wall st. |
| George Clarkson Thrall | *Detroit, Mich.* | 114 High st. |
| Walter Francis Carson Tichborne | *Mt. Vernon, N. Y.* | 119 Wall st. |
| Francis Jefferson Tytus | *Middletown, O.* | 61 Grove st. |
| Irving Gould Waite | *Baldwinsville, Mass.* | 287 York st. |

| | | |
|---|---|---|
| Gentry Waldo | *Houston, Texas* | 143 College st. |
| Etheredge Walker | *Boston, Mass.* | 135 College st. |
| Arnold Beach Watson | *Buffalo, N. Y.* | 99 Wall st. |
| Herbert Towle Weston | *Beatrice, Nebr.* | 99 Wall st. |
| Cooper Wood | *Pittsburg, Pa.* | 104 Wall st. |
| Walter Laning Worrall | *New York City* | 88 Wall st. |
| Morrison Brown Yung | *Hartford, Conn.* | 311 York st. |

JUNIORS, 133

## FRESHMAN CLASS

| | | |
|---|---|---|
| William Munn Ames | *Plantsville, Conn.* | 55 Prospect st. |
| Charles Wilson Andrews | *Litchfield, Conn.* | 130 Wall st. |
| John Foster Archbold | *Tarrytown, N. Y.* | 110 Wall st. |
| Adolph Borie Babcock | *Chicago, Ill.* | 110 Wall st. |
| William James Backes | *Hartford, Conn.* | 287 York st. |
| Harley Chester Backus | *New Haven, Conn.* | 26 Forbes av. |
| Frank Fowler Baldwin | *Hawaiian Islands* | 110 Wall st. |
| Franklin Ballou, Jr. | *Leadville, Col.* | 1 Hillhouse av. |
| James Bull Bassett | *Derby, Conn.* | 61 Grove st. |
| Herbert Wesley Bates | *Lynn, Mass.* | 59 Wall st. |
| Archibald Marshall Bell | *Allegheny, Pa.* | 391 Temple st. |
| Jerome Holland Bishop, Jr. | *Wyandotte, Mich.* | 133 Wall st. |
| Howard Edward Boardman | *Meriden, Conn.* | 79 Wall st. |
| Alexander Wallace Botkin | *Helena, Mont.* | 120 York st. |
| Philip Rudolph Brand | *Chicago, Ill.* | 113 Wall st. |
| Charles Temple Bratten | *Philadelphia, Pa.* | 22 College st. |
| William McKenzie Brown | *Yalesville, Conn.* | Yalesville |
| William Heaney Buell | *Clinton, Conn.* | 39 Lake pl. |
| Donald Palmer Cameron | *Salt Lake City, Utah* | 223 York st. |
| Henry Seidel Canby | *Wilmington, Del.* | 86 Wall st. |
| Charles Joseph Carroll | *Towanda, Pa.* | 166 York st. |
| Robert Goodell Church | *Meriden, Conn.* | 73 Lake pl. |
| Raymond Gustavus Clapp | *Northampton, Mass.* | 163 York st. |
| Henry Skyrin Clark | *Cincinnati, O.* | 332 Temple st. |
| Robert Sterling Clark | *New York City* | 77 Wall st. |
| Walter Rockwell Clark | *Shelton, Conn.* | Shelton |
| Frederick Sears Coe | *Newark, N. J.* | 419 Temple st. |
| Clarence Edward Conant | *Camden, N. Y.* | 387 Temple st. |
| Carle Cotter Conway | *Oak Park, Ill.* | 407 Temple st. |
| Frederick Cornell | *New York City* | 59 Wall st. |
| Arthur Frank Corwin | *New Haven, Conn.* | 347 Crown st. |
| George Nellis Crouse, Jr. | *Syracuse, N. Y.* | 407 Temple st. |
| John Chandler Dallam | *Evansville, Ind.* | 110 Wall st. |
| Paul Nelson Dann | *New Haven, Conn.* | 539 Orange st. |
| Philip Thornton Dashiell | *Bustleton, Pa.* | 24 High st. |
| Howard Lee Davis | *Cincinnati, O.* | 149 College st. |
| Osborn Atwater Day | *New Haven, Conn.* | 310 York st. |
| Hiram Edwin Dewing | *Stamford, Conn.* | 130 Wall st. |
| Sidney Dillon | *North Platte, Nebr.* | 99 Wall st. |
| George Potter Docker | *Fairfield, Conn.* | 393 Temple st. |

| | | |
|---|---|---|
| Lee Wilson Dodd | *New York City* | 248 York st. |
| Richard Julian Donnelly | *Oxford, N. Y.* | 227 Crown st. |
| Daniel Patrick Doohan | *Fair Haven, Conn.* | 193 Prospect st. |
| Francis Edwin Drake | *Chicago, Ill.* | 393 Temple st. |
| Charles Randall Drummond | *St. Louis, Mo.* | 110 Wall st. |
| Robert Livingston Dunn | *Tidioute, Pa.* | 267 Orange st. |
| Alfred Howlett Durston | *Syracuse, N. Y.* | 413 Temple st. |
| Guy King Dustin | *Hartford, Conn.* | 250 York st. |
| Robert Thomas Easterbrook | *New Haven, Conn.* | 82 York sq. |
| Edwin Milo Eddy | *Bay City, Mich.* | 413 Temple st. |
| Walter Louis Ehrich | *Colorado Springs, Col.* | 425 Temple st. |
| John Henry Finley | *Sterling, Conn.* | 57 Prospect st. |
| John Milton Fiske, Jr. | *Chicago, Ill.* | 39 College st. |
| Robert Philip Flint | *Los Angeles, Cal.* | 411 Temple st. |
| Henry de Bretton Forbes | *New Haven, Conn.* | 339 Orange st. |
| William Ebenezer Ford, Jr. | *New Haven, Conn.* | 16 Lynwood st. |
| Frederic Henry Beecher Fowler | *New Haven, Conn.* | 108 Humphrey st. |
| Northrup Fowler | *New York City* | 313 York st. |
| Charles James Freeborn | *Paris, France* | 110 Wall st. |
| David Huyler Gaines | *New York City* | 1076 Chapel st. |
| Harry Courtlandt Gause | *Wilmington, Del.* | 86 Wall st. |
| Henry Lloyd Gillespie | *Pittsburg, Pa.* | 393 Temple st. |
| Louis Allston Gillet | *Chicago, Ill.* | 62 Lake pl. |
| Lucius Charles Glenny | *New Orleans, La.* | 395 Temple st. |
| Julian Henry Goodman | *New Haven, Conn.* | 11 Home pl. |
| Burnett Goodwin | *New Haven, Conn.* | 114 High st. |
| Richmond Macleod Graff | *Pittsburg, Pa.* | 391 Temple st. |
| Edwin Joseph Grant | *Franklin, Pa.* | 248 York st. |
| Richard Frank Grant | *Fargo, N. Dak.* | 389 Temple st. |
| John Cameron Greenleaf | *Lawrence, N. Y.* | 133 College st. |
| Ward Slosson Gregory | *Norwalk, Conn.* | 13 Lake pl. |
| Dudley Guilford | *Lansdowne, Pa.* | 135 College st. |
| Verner Harrison Guthrie | *Cincinnati, O.* | 387 Temple st. |
| Clinton Mudge Hall | *New Orleans, La.* | 395 Temple st. |
| Francis Granger Hall, Jr. | *New Haven, Conn.* | 210 St. Ronan st. |
| George Raymond Hall | *Philadelphia, Pa.* | 425 Temple st. |
| Thomas Henry Hall, Jr. | *Mamaroneck, N. Y.* | 101 Wall st. |
| Frederick Brown Harrison | *New Haven, Conn.* | 320 Whalley av. |
| Charles Gardner Hart | *Bethel, Conn.* | 143 College st. |
| John Gibson Hazard | *Peace Dale, R. I.* | 110 Wall st. |
| John Milton Henderson | *Waterbury, Conn.* | 7 Library st. |
| Herbert Thacker Herr | *Denver, Col.* | 379 Crown st. |
| James Albert Hogle | *Salt Lake City, Utah* | 99 Wall st. |
| Richard Jacob Hopper | *Westwood, N. J.* | 17 Lake pl. |

| | | |
|---|---|---|
| Henry Arthur Stevens Howarth | *New Haven, Conn.* | 34 Vernon st. |
| Frederick Brown Humphreys | *New York City* | 130 Wall st. |
| James Barrett Monroe Hunker | *Brooklyn, N. Y.* | 395 Temple st. |
| Francis Sherman Hunn | *New Haven, Conn.* | 91 George st. |
| James Clarke Jeffery | *Chicago, Ill.* | 99 Wall st. |
| Alexander deTrofimoff Jones | *New York City* | 77 Wall st. |
| Frederick Morton Jourdan | *Branford, Conn.* | 163 York st. |
| John Kellogg, Jr. | *Amsterdam, N. Y.* | 114 High st. |
| William Windus Knight | *St.Louis, Mo.* | 413 Temple st. |
| Richard Paul Kraft | *New Haven, Conn.* | 210 Orchard st. |
| Erwin Ferdinand Kuehn | *Chicago, Ill.* | 135 Wall st. |
| Richard Steele Lamb | *Waterbury, Conn.* | 116 College st. |
| Clifford Langley | *New Haven, Conn.* | 229 Blatchley av. |
| Thomas LeBoutillier | *New York City* | 391 Temple st. |
| Frank Herman Lindenberg | *Columbus, O.* | 389 Temple st. |
| Otto Hayes Lindenberg | *Columbus, O.* | 393 Temple st. |
| Charles Rees Lloyd, Jr. | *San Francisco, Cal.* | 119 Wall st. |
| William Bladen Lowndes | *Cumberland, Md.* | 1076 Chapel st. |
| George James Warner Mabee, Jr. | *Denver, Col.* | 124 Wall st. |
| Edw. Armstrong McCullagh | *Irvington-on-Hudson, N. Y.* | 110 Wall st. |
| Raymond Augustus McGee | *Plainfield, N. J.* | 105 Wall st. |
| James Ewen McIntyre | *New Haven, Conn.* | 170 Olive st. |
| Marion Morgan MacMillin | *New York City* | 110 Wall st. |
| Edward Everett Marshall | *Philadelphia, Pa.* | 51 Lake pl. |
| Osmond Leigh Miller | *Stratford, Conn.* | 109 Wall st. |
| Herbert William Mitchell | *Cleveland, O.* | 393 Temple st. |
| Leeds Mitchell | *Chicago, Ill.* | 413 Temple st. |
| Winthrop Ballantine Moore | *Hartford, Conn.* | 55 Prospect st. |
| Hunter Morrison | *Cincinnati, O.* | 332 Temple st. |
| Albert Willard Morse | *Brooklyn, N. Y.* | 114 High st. |
| Herbert Bernhard Moses | *New York City* | 607 Chapel st. |
| William Washburn Mursick | *Nyack, N. Y.* | 1215 Chapel st. |
| Henry Archibald North | *Chicago, Ill.* | 419 Temple st. |
| Benjamin Vernor Norton | *Detroit, Mich.* | 110 Wall st. |
| Edwin Thomas Nugent | *St.Louis, Mo.* | 99 Wall st. |
| Thomas Augustine O'Brien | *New Haven, Conn.* | 1377 Chapel st. |
| Albert Josiah Osgood | *New Haven, Conn.* | 747 George st. |
| Carl King Palmer | *Danville, Ill.* | 119 Wall st. |
| George Wright Peavey | *Minneapolis, Minn.* | 110 Wall st. |
| Oliver Henry Perry | *Southport, Conn.* | 419 Temple st. |
| William Earl Porter | *Denver, Col.* | 103 Wall st. |
| Leopold Schuyler Quackenbush | *New York City* | 389 Temple st. |
| Joseph Reed | *Pittsburg, Pa.* | 110 Wall st. |
| Alexander Hammond Rutherford | *San Francisco, Cal.* | 110 Wall st. |

| | | |
|---|---|---|
| Walter Murray Sanders | *Montclair, N. J.* | 411 Temple st. |
| Edwyn deNormandie Sands | *New York City* | 130 Wall st. |
| Henry Hayden Sands | *Orange, N. J.* | 110 Wall st. |
| Chaloner Baker Schley | *New York City* | 86 Wall st. |
| Frank Earle Seeley | *Bridgeport, Conn.* | 419 Temple st. |
| Myron Bird Seward | *West Haven, Conn.* | West Haven |
| Sidney Frank Shattuck | *Neenah, Wisc.* | 118 College st. |
| George Francis Sheedy | *Bridgeport, Conn.* | 204 Grove st. |
| George Hall Smith | *Chicago, Ill.* | 313 York st. |
| Robert Ellsworth Smith | *New Haven, Conn.* | 251 Crown st. |
| William Edwin Stanley | *Chicago, Ill.* | 389 Temple st. |
| Louis Talcott Stone | *Mohawk, N. Y.* | 1 Hillhouse av. |
| Gilbert Cornwell Summerfield | *Brooklyn, N. Y.* | 120 High st. |
| Samuel Brady Sutphin | *Mt. Auburn, O.* | 332 Temple st. |
| Seth Edward Thomas, Jr. | *New York City* | 119 Wall st. |
| Walter Scott Thomas | *Southport, Conn.* | 22 Trumbull st. |
| John Eugene Thompson | *Negaunee, Mich.* | 124 Wall st. |
| Leslie Helfenstein Thompson | *Webster Groves, Mo.* | 413 Temple st. |
| Myron Turner Townsend | *New York City* | 130 Wall st. |
| Louis Schnebly Treadwell | *Hurstville, N. Y.* | 90 Wall st. |
| Benjamin Fred Tritch | *Denver, Col.* | 110 Wall st. |
| Herbert Forsythe VanEvery | *Brooklyn, N. Y.* | 1142 Chapel st. |
| Clarence Sidney Verrill | *New Haven, Conn.* | 86 Whalley av. |
| Darius Thompson Wadhams | *Torrington, Conn.* | 2 University pl. |
| Joseph Palmer Wadhams | *New Haven, Conn.* | 22 Prince st. |
| James Theodore Walker | *St. Louis, Mo.* | 110 Wall st. |
| William Walker | *Montclair, N. J.* | 411 Temple st. |
| James McLean Walton | *Ridgewood, N. J.* | 313 York st. |
| Clarence Arthur Warden | *Philadelphia, Pa.* | 248 York st. |
| Frederick Addison Warner | *Naugatuck, Conn.* | 250 York st. |
| Frank Herbert Warren, Jr. | *Chicago, Ill.* | 39 College st. |
| Frederick Parker Warren | *Philadelphia, Pa.* | 150 College st. |
| Norman Woodruff Warren | *Berlin, Conn.* | 128 High st. |
| Willis Ogden Warren | *New York City* | 126 Wall st. |
| Daniel Brewster Watson | *New Haven, Conn.* | 92 Dwight st. |
| Clarence Eugene Weaver | *S. Woodstock, Conn.* | 65 Spring st. |
| Clifford Yale Welles | *Wethersfield, Conn.* | 128 High st. |
| Richard Norris Wilcox | *New York City* | 99 Wall st. |
| Samuel Wolf | *New Haven, Conn.* | 470 Elm st. |
| William Gordon Woolfolk | *New York City* | 114 High st. |
| Charles Sherman Wray | *New York City* | 59 Wall st. |
| Walter Norris Yates | *Germantown, Pa.* | 51 Lake pl. |

FRESHMEN, 170

## SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

| | | |
|---|---|---|
| James Leon Alexander | *Elizabeth, N. J.* | 1044 Chapel st. |
| Mark Webb Allen | *Detroit, Mich.* | 110 Wall st. |
| Walter Minor Bradley | *New Haven, Conn.* | 1346 Chapel st. |
| James Ansel Brooks | *Derby, Conn.* | Derby |
| Charles Warren Gillett | *Chicago, Ill.* | 88 Wall st. |
| Adolph Glasier Hüpfel, Jr. | *New York City* | 36 Elm st. |
| Howard Blauvelt Jackson | *New York City* | 333 York st. |
| Frederick Asa Knight | *Springfield, Mass.* | 120 High st. |
| Theodore Lamson | *Hartford, Conn.* | 63 Grove st. |
| Lewis Camp McEwen | *Seymour, Conn.* | Seymour |
| Grant Doremus Miller | *Pinos, Mexico* | 121 York st. |
| Leon Friend Peck | *Mt. Carmel, Conn.* | 117 Park st. |
| Frederick Lucas Sage | *Middletown, Conn.* | 39 Maple st. |
| William Fargo Sharpe | *New York City* | 152 Grove st. |

SPECIAL STUDENTS, 14

## SUMMARY

| | |
|---|---|
| GRADUATES | 54 |
| SENIORS | 182 |
| JUNIORS | 133 |
| FRESHMEN | 170 |
| SPECIAL STUDENTS | 14 |
| | 553 |

# YALE SCHOOL OF THE FINE ARTS

| | | |
|---|---|---|
| Eleanor Pierson Alling | *New Haven, Conn.* | 120 Sherman av. |
| Jean Howe Atwater | *New Haven, Conn.* | 321 Whitney av. |
| Colin Douglas Barrett | *Wallingford, Conn.* | Wallingford |
| Edith Welles Bennett | *New Haven, Conn.* | 357 Elm st. |
| Helen Elizabeth Booth | *New Haven, Conn.* | 205 Orchard st. |
| Bertha Kimberly Bradley | *New Haven, Conn.* | 212 York st. |
| Kate Stebbins Bristol | *New Haven, Conn.* | 191 Exchange st. |
| Catharine Tomlinson Bunnell | *Stratford, Conn.* | Stratford |
| Jean May Burr | *Monroe, Conn.* | Monroe |
| Geraldine Woolsey Carmalt | *New Haven, Conn.* | 87 Elm st. |
| Edith Vaughn Cowles | *New Haven, Conn.* | 384 Crown st. |
| Mildred Lancaster Cowles | *New Haven, Conn.* | 384 Crown st. |
| Gertrude May Craig | *New Haven, Conn.* | 16 Gill st. |
| Schmucker Duncan, B.A. Pennsylvania College 1891, M.A. Yale University 1894 | *Gettysburg, Pa.* | 91 W. D. |
| Caroline Durgy | *New Haven, Conn.* | 118 Dwight st. |
| Mary Foote | *Guilford, Conn.* | 67 Mansfield st. |
| Margaret Codrington Foster | *New Haven, Conn.* | 109 College st. |
| Bessie Gallagher | *New Haven, Conn.* | 13 University pl. |
| John Leo Gilson | *New Haven, Conn.* | 163 F. |
| Lillian Alice Gladwin | *New Haven, Conn.* | 140 Exchange st. |
| Julia Henrietta Hammer | *Branford, Conn.* | Branford |
| Harriet Anna Hitchcock | *Long Meadow, Mass.* | 319 Crown st. |
| Edward Townsend Howes | *Stamford, Conn.* | 110 Wall st. |
| Mildred Jordan | *New Haven, Conn.* | 233 Orchard st. |
| Jessie Marie King | *Branford, Conn.* | Branford |
| Florence May Lake | *New Haven, Conn.* | 754 Orange st. |
| Dwight Milton Lewis | *New Haven, Conn.* | 438 George st. |
| Herbert Curtis Lyons | *Bethel, Conn.* | 261 Crown st. |
| Mabel McIntosh | *New Haven, Conn.* | 19 Sylvan av. |
| Helen Agnes McMahon | *Waterbury, Conn.* | Waterbury |
| Edith Rebecca Maltby | *New Haven, Conn.* | 23 Sylvan av. |
| William Henry Mathews, Jr. | *Ansonia, Conn.* | Ansonia |
| Ethel Stannard Norton | *Wallingford, Conn.* | Wallingford |
| Wilson Peck | *New Haven, Conn.* | 235 Bishop st. |
| Dwight Albert Phillips | *Bridgeport, Conn.* | Bridgeport |
| Ardella Elwood Platt | *West Haven, Conn.* | West Haven |
| Harry St.Clair Reynolds | *New Haven, Conn.* | 162 Blatchley av. |

| | | |
|---|---|---|
| Harriet Roosevelt Richards | *New Haven, Conn.* | 137 Edwards st. |
| Elnora Dixon Rogers | *New Haven, Conn.* | 67 Lafayette st. |
| Annie Maranda Rust | *Meriden, Conn.* | Meriden |
| Edith Fisher Schwab | *New Haven, Conn.* | 310 Prospect st. |
| Alice Welles Skinner | *Guilford, Conn.* | Guilford |
| Howard Adams Somers | *Poughkeepsie, N. Y.* | 116 W. D. |
| John Garretson Terrill | *No. Woodbury, Conn.* | 142 Plymouth av. |
| Louise Niblette Thompson | *New Haven, Conn.* | 346 Center st. |
| Arthur Rodman Townsend | *New York City* | 110 Wall st. |
| Florence Truman | *New Haven, Conn.* | 319 Crown st. |
| Theodora VanName | *New Haven, Conn.* | 121 High st. |
| Henry Purdy Weaver | *Mansfield, O.* | 149 College st. |
| Edith Dean Weir | *New Haven, Conn.* | 58 Trumbull st. |
| Nellie Hubbell Wheeler | *New Haven, Conn.* | 18 Dwight st. |
| Anne Farnam Whitney | *New Haven, Conn.* | 800 Whitney av. |
| Mary Elizabeth Whittelsey | *New Haven, Conn.* | 367 Prospect st. |

ART STUDENTS, 53

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| | |
|---|---|
| Art Students, . . . . . | 53 |
| Elective Class from the Academical Department, | 35 |
| Freshman Class from the Scientific School, . . | 170 |
| Total . . . | 258 |

# DEPARTMENT OF MUSIC

| | | |
|---|---|---|
| John Chester Adams, B.A. Yale University 1896 | *Brookline, Mass.* | 597 P. |
| Nellie Grace Allen | *Dallas, Tex.* | 1494 Chapel st. |
| Carlotta Flora Barrett | *Wallingford, Conn.* | Wallingford |
| Arthur Henry Bartlett | *Plainville, Conn.* | 101 Dwight st. |
| Jessie Clarke Beecher | *Shelton, Conn.* | Shelton |
| John Walter Best | *Denver, Col.* | 103 Wall st. |
| Shelton Bissell | *Montclair, N. J.* | 77 S. M. |
| Eugene Blumenthal | *New York City* | 400 B. |
| Harcourt Brigham | *Savannah, Ga.* | 404 B. |
| Arthur Lincoln Bristol | *New Haven, Conn.* | 191 Exchange st. |
| William Woods Chandler, B.A. Yale University 1896 | *New Haven, Conn.* | 31 High st. |
| Frank Valentine Chappell | *New London, Conn.* | 1040 Chapel st. |
| Florence Isabel Cummings | *Plantsville, Conn.* | Plantsville |
| Johannes Heinrich Cuntz, M.E. Stevens Inst. 1887 | *Hoboken, N. J.* | 90 High st. |
| Henry Davies, B.D. Yale University 1888 | *New Haven, Conn.* | 32 Asylum st. |
| Sherwood Owen Dickerman, B.A. Yale University 1896 | *New Haven, Conn.* | 582 P. |
| William Francis Dominick | *New York City* | 367 WH. |
| Grace Norton Dudley | *Bridgeport, Conn.* | Bridgeport |
| William Ruthven Flint | *Collinsville, Conn.* | 116 N. |
| John Harold Fuller | *Barton Landing, Vt.* | 116 N. |
| Weston Spies Gales | *Elizabeth, N. J.* | 238 D. |
| Mira Louise Gallagher | *New Haven, Conn.* | 13 University pl. |
| Charles Frederick Gloth | *Erie, Pa.* | 155 F. |
| Robert Hubbard Gould | *Bridgeport, Conn.* | 212 D. |
| Julia Stanley Gridley | *Southington, Conn.* | Southington |
| Louis Ferdinand Groeber | *Meriden, Conn.* | Meriden |
| William Edwin Haesche | *New Haven, Conn.* | 246 Atwater st. |
| Edward Roswell Hawley | *Huntington, Conn.* | Huntington |
| James Francis Joseph Hennessey | *New Haven, Conn.* | 641 State st. |
| Charles Edward Ives | *Danbury, Conn.* | 76 S. M. |
| Harry Benjamin Jepson, B.A. Yale University 1893, MUS.B. Yale University 1894 | *New Haven, Conn.* | 52 Howe st. |
| Everett Phoenix Ketchum | *New York City* | 384 B. |
| Henry Stanley Knight | *New Haven, Conn.* | 32 Pearl st. |

| | | |
|---|---|---|
| Jerome Herrmann Koehler | *New York City* | 157 York st. |
| William Jacob Kraft | *New Haven, Conn.* | 150 Oak st. |
| Hattie Lambert | *New Haven, Conn.* | 43 Whalley av. |
| Louis Samter Levy | *St. Louis, Mo.* | 241 L. |
| Egbert Shepard Marsh | *Bridgeport, Conn.* | Bridgeport |
| Charles Edmund Merrill, Jr. | *New York City* | 14 V. |
| Seth Minot Milliken | *New York City* | 55 V. |
| Isabel Gilchrist Monteith | *Unionville, Conn.* | Unionville |
| Charles Edward Moulthrop | *West Haven, Conn.* | West Haven |
| Elbert Frank Newton | *New Haven, Conn.* | 8 Kensington st. |
| Mary Elizabeth Nicoll | *New Haven, Conn.* | 86 Broadway |
| William Henry Owen, Jr. | *New York City* | 53 V. |
| Julius Leonard Parke | *Cincinnati, O.* | 217 D. |
| Holbrook Perrin | *Hartford, Conn.* | 1098 Chapel st. |
| Lola G. E. Phinney | *New Haven, Conn.* | 313 York st. |
| Sadie Burton Pickett | *Seymour, Conn.* | Seymour |
| Pierre Rittenhouse Porter | *Kansas City, Mo.* | 321 W. |
| Archibald Rice | *Waterbury, Conn.* | Waterbury |
| John Pierrepont Rice | *Santa Barbara, Cal.* | 77 Elm st. |
| William Hall Robertson | *New Haven, Conn.* | 10 Pearl st. |
| Maude Rutherford Russell | *New Haven, Conn.* | 244 Lawrence st. |
| George Whitefield Samson | *Portland, Me.* | 251 L. |
| Adeline Forbes Sanford | *New Haven, Conn.* | 216 Crown st. |
| Edward Movius Sicard | *Buffalo, N. Y.* | 229 D. |
| Belle Manross Sigourney | *Bristol, Conn.* | Bristol |
| Eliza Buckley Smith | *Shelton, Conn.* | Shelton |
| Stanley Blake Smith | *New Haven, Conn.* | 273 Orchard st. |
| Thomas Max Smith | *Yonkers, N. Y.* | 203 D. |
| Emma Spieske | *Hartford, Conn.* | Hartford |
| Clifford Munroe Tappen | *Jamaica, N. Y.* | 79 S. M. |
| Everard Judson Thompson | *New Haven, Conn.* | 215 Crown st. |
| George John Trinkaus | *Bridgeport, Conn.* | Bridgeport |
| Leslie Vaughn | *Bridgeport, Conn.* | Bridgeport |
| Ruth Wallace | *Ansonia, Conn.* | Ansonia |
| Frederick Jasper Gottlieb Weber | *Bridgeport, Conn.* | Bridgeport |
| Jennie Weil | *New Haven, Conn.* | 160 St. John st. |
| Anna Gardiner Westcott | *Hartford, Conn.* | Hartford |
| Emily Henrietta Whitney | *New Haven, Conn.* | 227 Church st. |
| Sarah Tracy Whitney | *New Haven, Conn.* | 800 Whitney av. |
| Charles Sherrill Wilcox | *East Haven, Conn.* | Morris Cove |
| Martha Josephine Williams | *New Haven, Conn.* | 33 Wall st. |
| Leila May Young | *New Haven, Conn.* | 131 High st. |
| Charles Hamlin Zimmerman, M.A. Northwestern Univ. 1891 | *Evanston, Ill.* | 83 Grove st. |

STUDENTS, 76

# COURSES FOR TEACHERS

| | | |
|---|---|---|
| DeWitt C. Allen<br>Psychology | *Bridgeport* | Bridgeport |
| William J. Amos<br>Political Science | *Stamford* | Stamford |
| Mary R. Atwater<br>English | *New Haven* | Cedar Hill |
| May Bauman<br>Greek | *New Haven* | 98 Ward st. |
| Grace A. Beard<br>Biology | *Westville* | Westville |
| Arthur S. Bibbins<br>Psychology | *Darien* | Darien |
| Beata W. Bissell<br>English | *New Haven* | 308 Crown st. |
| Mary N. Blatchley<br>History | *New Haven* | 219 Blatchley av. |
| Jennie R. Boyce<br>English | *New Haven* | 641 State st. |
| Anna S. Brackett<br>English | *Bridgeport* | Bridgeport |
| Anna P. Bradley<br>History | *New Haven* | 352 Whitney av. |
| Maria L. Breen<br>Biology | *New Haven* | 573 George st. |
| Anna S. Brennan<br>Biology | *New Haven* | 59 Kimberly av. |
| Mary W. Brown<br>English | *New Haven* | 96 Broadway |
| S. Ellen Brown<br>English | *New Haven* | 96 Broadway |
| Fannie I. Bunce<br>History | *New Haven* | 113 Poplar st. |
| Catharine T. Bunnell<br>English | *Stratford* | Stratford |
| Jennie S. Burlock<br>History | *New Haven* | 78 Whalley av. |
| Mary R. Burwell<br>History | *New Haven* | 67 Howe st. |
| Jennie I. Campbell<br>Greek | *Wallingford* | Wallingford |
| Katharine G. Campbell<br>History | *New Haven* | 45 Hamilton st. |
| Ellor E. Carlisle<br>Biology | *New Haven* | 135 Main st. |
| Marion W. Clark<br>Biology | *Clinton* | Saybrook |

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|---|---|---|
| Mary C. Coakley<br>Biology | *New Haven* | 15 Foster st. |
| Phebe E. Conkling<br>Psychology | *Naugatuck* | Naugatuck |
| Jennie E. Coombs<br>English | *New Haven* | 37 Pleasant st. |
| Gertrude L. Cooper<br>History | *New Haven* | 105 Atwater st. |
| Mary E. Corcoran<br>Biology | *Waterbury* | Waterbury |
| Mary E. Cramer<br>English | *Portland* | Portland |
| Rosella J. Cronan<br>English | *New Haven* | 17 Compton st. |
| Hortense D. Crossley<br>History | *New Haven* | 310 Exchange st. |
| Edith S. Culver<br>Greek | *New Haven* | 59 Atwater st. |
| Mary L. Daniels<br>Biology | *New Haven* | 34 Gill st. |
| Susan L. Davis<br>Biology | *New Haven* | 295 Columbus av. |
| Emily M. DeForest<br>History | *New Haven* | 45 Atwater st. |
| Elzear P. Dubois<br>English | *New Haven* | 144 Wooster st. |
| Susan H. Evans<br>Biology | *New Haven* | 32 Trumbull st. |
| Albert B. Fifield<br>Psychology | *New Haven* | 442 George st. |
| Martha S. Fleetwood<br>English | *New Haven* | 12 Trumbull st. |
| May E. Forbes<br>English | *East Haven* | East Haven |
| Alice G. Ford<br>History | *New Haven* | 768 Whalley av. |
| Joseph R. French<br>Political Science | *New Haven* | 225 Bishop st. |
| Mary A. I. Gaffney<br>Psychology | *New Britain* | New Britain |
| Margaret I. Galbraith<br>Greek | *New Haven* | 21 Hamilton st. |
| Catharine A. Gardner<br>Greek | *Portland* | Portland |
| Joseph Gerard<br>Psychology | *Meriden* | Meriden |
| Charlotte Gorham<br>History | *New Haven* | 172 Olive st. |
| Mary C. Gorham<br>History | *New Haven* | 15 Warren st. |
| Louise A. Griggs<br>English | *New Haven* | 381 George st. |
| Ida A. Hague<br>History | *New Haven* | 65 Clark st. |

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|---|---|---|
| Annie D. Hallock<br>Greek | *Bridgeport* | Bridgeport |
| Bessie B. Hanover<br>History | *Bridgeport* | Bridgeport |
| Anna S. Hart<br>History | *New Haven* | 37 Howe st. |
| Caroline Hendrickson<br>History | *Bridgeport* | Bridgeport |
| Ellen Hill<br>Biology | *New Haven* | 37 Howe st. |
| Mary E. Hitt<br>English | *Bridgeport* | Bridgeport |
| Elizabeth Hodgdon<br>History | *New Haven* | 56 Whalley av. |
| Harry Houston<br>Political Science | *New Haven* | 693 Elm st. |
| Alfred T. Howes<br>English | *West Hartford* | West Hartford |
| Caroline T. Hughes<br>History | *New Haven* | 130 Forbes av. |
| Annie S. Johnson<br>History | *New Haven* | 374 Grand av. |
| Mary A. Judd<br>History | *New Haven* | 66 Nash st. |
| Hannah W. Kelsey<br>History | *Westville* | Westville |
| Calvin N. Kendall<br>Greek | *New Haven* | 21 Center st. |
| Ellen Kilbride<br>History | *New Haven* | 801 Orange st. |
| Mary E. Lathrop<br>Greek | *Derby* | Derby |
| Cathie M. Leary<br>English | *Naugatuck* | Naugatuck |
| Elizabeth Leary<br>English | *Naugatuck* | Naugatuck |
| Eva A. Lee<br>Greek | *New Haven* | 39 Pine st. |
| John G. Lewis<br>Greek | *New Haven* | 438 George st. |
| Ada Linsley<br>History | *New Haven* | 351 Quinnipiac st. |
| Mary C. Livermore<br>Psychology | *New Haven* | 91 Olive st. |
| May J. Lum<br>English | *New Haven* | 39 Dwight st. |
| Mary F. MacArthur<br>Biology | *New Haven* | 85 Humphrey st. |
| Clarence S. McLean<br>English | *Westville* | Westville |
| Mary A. Maher<br>History | *New Haven* | 283 Sherman av. |
| Luther A. Mansfield<br>History | *New Haven* | 120 High st. |

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|---|---|---|
| Harriette P. Marsh<br>Political Science | *New Haven* | 89 Whalley av. |
| Frances A. Millard<br>History | *New Haven* | 801 Orange st. |
| George A. Mirick<br>Political Science | *New Haven* | 177 Lawrence st. |
| Julia A. Murphy<br>Biology | *New Haoen* | 551 East st. |
| Mary E. Musson<br>Psychology | *New Haven* | 13 Park st. |
| Edgar W. Noyes<br>History | *Ridgefield* | Ridgefield |
| Emma G. Olmstead<br>English | *Bridgeport* | Bridgeport |
| Juliet E. Peck<br>Biology | *New Haven* | 783 Orange st. |
| Mary A. Penney<br>English | *New Haven* | 45 Park st. |
| Eva J. Phelps<br>History | *New Haven* | 18 Washington st. |
| Jessie D. Pierson<br>Psychology | *New Haven* | 184 Thompson st. |
| Anna D. Pollard<br>Psychology | *Plantsville* | Plantsville |
| Winona M. Pratt<br>English | *Bridgeport* | Bridgeport |
| Nellie J. Riggs<br>History | *New Haven* | 252 Orchard st. |
| Julia A. Robinson<br>History | *New Haven* | 811 Orange st. |
| S. Helena Robinson<br>History | *New Haven* | 811 Orange st. |
| Nettie S. Sargent<br>English | *New Haven* | 187 Lawrence st. |
| Jessie I. Scranton<br>History | *New Haven* | 114 Lawrence st. |
| Lyla M. Scranton<br>History | *New Haven* | 114 Lawrence st. |
| Lily W. Sheridan<br>Biology | *New Haven* | 519 Orange st. |
| Mabel Sherman<br>English | *New Haven* | 73 Lake pl. |
| Katherine R. Simmons<br>Biology | *New Haven* | 105 Dwight st. |
| Julia Smith<br>English | *New Haven* | 59 E. Pearl st. |
| Kate F. Smith<br>History | *New Haven* | 1150 Chapel st. |
| Ada T. Somers<br>History | *New Haven* | 218 Goffe st. |
| Margaret F. Somerset<br>English | *Bridgeport* | Bridgeport |
| Alice A. Stevens<br>Political Science | *Hartford* | Hartford |

| | | |
|---|---|---|
| Harriett K. Storer<br>History | *New Haven* | 343 Quinnipiac st. |
| Ida L. Story<br>History | *New Haven* | 8 Pine st. |
| Nellie H. Story<br>History | *New Haven* | 8 Pine st. |
| Jeannette E. Studley<br>History | *New Haven* | 99 Howe st. |
| Clara M. Sutherland<br>Psychology | *West Haven* | West Haven |
| Fanny S. Thompson<br>English | *New Haven* | 377 Crown st. |
| Clara B. Underwood<br>History | *New Haven* | 42 Church st. |
| C. Ralph VanAlstine<br>Psychology | *Greenwich* | Hawthorne |
| Clarine Warner<br>Political Science | *New Haven* | 1370 Chapel st. |
| Mary G. Warner<br>English | *New Haven* | 92 Clark st. |
| M. Rachel Webster<br>Political Science | *New Haven* | 38 Howe st. |
| Genevieve Wells<br>English | *New Haven* | 382 Whitney av. |
| Edwina M. Whitney<br>English | *Hartford* | Hartford |
| Clara A. Wildman<br>English | *Wallingford* | Wallingford |
| Charles M. Williams<br>Psychology | *Meriden* | Meriden |
| M. Elmina Woodruff<br>Political Science | *New Haven* | 1 Howe st. |

TEACHERS, 120

# DEPARTMENT OF THEOLOGY
## (YALE DIVINITY SCHOOL)

### RESIDENT LICENTIATES,

ATTENDING LECTURES

| | | |
|---|---|---|
| Edwin Perkins Ayer | *Bethlehem, Conn.* | 114 W. D |
| Samuel Hoffmann Davis, Alfred University | *Westerly, R. I.* | 74 W. D. |
| Chujiro Kochi, B.S. Ohio Wesleyan Univ. 1896 | *Bingo, Japan* | 122 W. D. |
| William Gilbert Lathrop, B.A. Brown University 1889, B.D. Yale University 1892 | *North Haven, Conn.* | North Haven |

RESIDENT LICENTIATES, 4

### GRADUATE CLASS

PURSUING FOURTH YEAR STUDIES

| | | |
|---|---|---|
| Hampartsoon Hagop Ashjian, Central Turkey College, B.D. Yale University 1896 | *Marash, Turkey* | 46 E. D. |
| Thomas Nelson Baker, B.A. Boston University 1893, B.D. Yale University 1896 | *Malden, Mass.* | 20 E. D. |
| Arthur Granville Beach, B.A. Marietta College 1891, B.D. Yale University 1896 | *Columbus, O.* | Berlin, Germany |
| Charles Kingsley Fankhauser, B.A. Marietta College 1893, B.D. Yale University 1896 | *Avon, Conn.* | 121 Dwight st. |
| Armenag Harutune Haigazian, B.A. Aintab College 1889, S.T.B. Hartford Theol. Seminary 1896 | *Hadjian, Turkey* | 28 E. D. |
| George William Phillips, B.D. Yale University 1895 | *New Haven, Conn.* | 123 St. John st. |
| Isaac Woodbridge Riley, B.A. Yale University 1892, B.D. Yale University 1896 | *New Haven, Conn.* | 31 E. D. |
| Teinosuke Sakata, Doshisha University 1892 | *Kyoto, Japan* | 99 W. D. |

| | | |
|---|---|---|
| Charles Snow Thayer, B.A. Amherst College 1886, B.D. Yale University 1895 | *Westfield, Mass.* Göttingen, Germany | |
| William Wood Wallace, B.A. Hamilton College 1890, B.D. Yale University 1896 | *Middletown, N. Y.* | 19 E. D. |

GRADUATE CLASS, 10

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## SENIOR CLASS

| | | |
|---|---|---|
| Daniel Otis Bean, M.A. Dartmouth College 1885 | *New Haven, Conn.* | 110 W. D. |
| William Spencer Beard, B.A. Yale University 1894 | *South Killingly, Conn.* | 82 W. D. |
| George Lincoln Briggs, B.A. Beloit College 1892 | *Albert Lea, Minn.* | 97 W. D. |
| Edward Harold Bronson, B.A. Yale University 1894 | *Norwich, Conn.* | 78 W. D. |
| Donald Cameron, University of Glasgow | *New Haven, Conn.* | 39 E. D. |
| Leander Coolidge, B.A. Harvard University 1894 | *Natick, Mass.* | 25 E. D. |
| David Herbert Evans, B.A. Williams College 1890 | *Little Falls, N. Y.* | 14 E. D. |
| Miles Bull Fisher, B.L. University of California 1894 | *Oakland, Cal.* | 42 E. D. |
| Amos Hoppock Haines, B.A. Rutgers College 1892 | *Sergeantville, N. J.* | 14 Baldwin pl. |
| Archibald McClelland Hall, B.A. Butler University 1888, PH.D. Butler University 1892 | *Irvington, Ind.* | 108 W. D. |
| Amos Thompson Harrington, B.A. Yale University 1894 | *Lyons, N. Y.* | 83 W. D. |
| Arthur Hodges, University of Wisconsin | *Chicago, Ill.* | 18 E. D. |
| Ansel Estano Johnson | *Milford, Mass.* | 32 E. D. |
| Peter Adelstein Johnson, PH.B. Tabor College 1893 | *Marshall, Minn.* | 17 E. D. |
| Shepherd Knapp, Jr., B.A. Columbia College 1894 | *New York City* | 87 W. D. |
| George Edwin Ladd, B.A. Williams College 1891 | *New Haven, Conn.* | 140 Howe st. |
| Samuel Edward Lord, B.A. French Protestant College 1894 | *Lowell, Mass.* | 113 W. D. |
| Frederick Henry Lynch, B.A. Yale University 1894 | *New Haven, Conn.* | 8 E. D. |
| Charles Stedman Macfarland | *Melrose, Mass.* | 23 E. D. |

| | | |
|---|---|---|
| James Henry McLaren, Bangor Theological Seminary 1890 | *New Haven, Conn.* | |
| Charles Clarkson Merrill, B.A. Dartmouth College 1894 | *Newbury, Vt.* | 93 W. D. |
| Schuyler Rice Myers, B.A. Beloit College 1894 | *Polo, Ill.* | 34 E. D. |
| Wesley Eugene Page, B.A. Bates College 1894 | *Brownville, Me.* | 27 E. D. |
| Charles Peabody Pierce, B.A. Yale University 1892 | *Auburn, Mass.* | 104 W. D. |
| Hezekiah Loor Pyle, B.A. Otterbein University 1894 | *St. Paris, O.* | 29 E. D. |
| Harry Frank Rall, M.A. University of Iowa 1891 | *Des Moines, Iowa* | 44 E. D. |
| Austin Rice, B.A. Amherst College 1894 | *Danvers, Mass.* | 26 E. D. |
| William Henry Rowe, PH.B. Beloit College 1894 | *South Elgin, Ill.* | 40 E. D. |
| Milton Sherk Runkle, B.A. Cornell College 1894 | *Lisbon, Iowa* | 24 E. D. |
| Grant Lincoln Schaeffer, B.A. Lebanon Valley College 1891 | *Mountville, Pa.* | 128 Howe st. |
| William Harvey Short, B.A. Beloit College 1894 | *Beloit, Wisc.* | 22 E. D. |
| William Bergen Stelle, B.A. Colgate University 1894 | *Jersey City, N. J.* | 36 E. D. |
| Rufus Whittaker Stimson, M.A. Harvard University 1896 | *Palmer, Mass.* | 2 E. D. |
| Benjamin Mead Wright, Bangor Theological Seminary 1886 | *Orange, Conn.* | Orange |

SENIOR CLASS, 34

## MIDDLE CLASS

| | | |
|---|---|---|
| Hagope Hovhannes Bayunderian, B.A. Anatolia College 1895 | *Sivas, Turkey* | 119 W. D. |
| Quincy Blakely, B.A. Dartmouth College 1894 | *Laconia, N. H.* | 94 W. D. |
| Francis Chase Bliss, B.A. Brown University 1894 | *Newport, R. I.* | 73 W. D. |
| Stanley Francis Blomfield, B.A. Olivet College 1895 | *Morenci, Mich.* | 109 W. D. |
| Charles Bertrand Burwash Bowser, B.A. Harvard University 1895 | *Wakefield, Mass.* | 105 W. D. |
| Aaron Breck, B.A. Washburn College 1895 | *Lawrence, Kan.* | 98 W. D. |

| | | |
|---|---|---|
| Burdette Boardman Brown, M.A.<br>Alfred University 1891 | *Andover, N. Y.* | 79 W. D. |
| John Collings Caton, B.A.<br>Princeton University 1895 | *Manchester, England* | 81 W. D. |
| John Pitt Deane, B.A.<br>Cornell University 1890 | *Crown Point, N. Y.* | 95 W. D. |
| Plato Tracy Durham, B.A.<br>Trinity College (N. C.) 1895 | *King's Mountain, N. C.* | 47 E. D. |
| Will Chester Ferris, B.L.<br>University of Wisconsin 1895 | *Waupun, Wisc.* | 37 E. D. |
| Arthur Elieda Fraser, B.A.<br>Beloit College 1894 | *Sioux City, Iowa* | 49 E. D. |
| Frederic William Heberlein, B.A.<br>Ripon College 1895 | *Briggsville, Wisc.* | 89 W. D. |
| Harold Lynde Hopkins, PH.B.<br>Oberlin College 1894 | *Eugene, Oregon* | 45 E. D. |
| Rowland Hughes,<br>Carmarthen College 1895 | *Dolwyddelan, Wales* | 35 E. D. |
| John King Moore, B.A.<br>Yale University 1895 | *Hartford, Conn.* | 89 W. D. |
| Ira Elias Pinney, B.A.<br>Middlebury College 1891 | *Ludlow, Vt.* | 112 W. D. |
| Edgar Heaton Price, B.A.<br>Drury College 1895 | *Duval, Mo.* | 103 W. D. |
| David Perry Rice, B.A.<br>University of Minnesota 1895 | *Rockland, Mass.* | 30 E. D. |
| George Chalmers Richmond, B.A.<br>Yale University 1895 | *Easthampton, Mass.* | 97 Olive st. |
| Harry Sargeant Scarborough, B.A.<br>Yale University 1895 | *Baltimore, Md.* | 88 W. D. |
| Herbert Scott, B.S.<br>Ohio State Univ. 1893 | *Columbus, O.* | 50 E. D. |
| Christian Horning Shirk, B.S.<br>Albright Collegiate Institute 1896 | *Manheim, Pa.* | 83 W. D. |
| Cyrus Flint Stimson, B.A.<br>Colby University 1893 | *Bridgeport, Conn.* | 2 E. D. |
| Walter Bullard Street, B.A.<br>Williams College 1892 | *Lee, Mass.* | 84 W. D. |
| Horace Montgomery Witman, B.A.<br>Gettysburg College 1895 | *Harrisburg, Pa.* | 91 W. D. |
| Herbert James Wyckoff, B.A.<br>Yale University 1892 | *South Woodbury, Conn.* | 96 W. D. |
| Stephen Bogos Yacobian, B.A.<br>Central Turkey College 1886 | *Aintab, Turkey* | 50 Dixwell av. |

## JUNIOR CLASS

| | | |
|---|---|---|
| Arthur Adelbert Amy, B.A.<br>Beloit College, 1896 | *Baraboo, Wisc.* | 111 W. D. |
| Frelon Eugene Bolster, B.A.<br>Amherst College 1896 | *Portland, Me.* | 92 W. D. |
| Reed Brown Cherington,<br>Ohio Wesleyan University | *Spokane, Wash.* | 107 W. D. |
| John Peet Clyde, PH.B.<br>Iowa College 1894 | *Waucoma, Iowa* | 53 E. D. |
| Donald Grey Colp, B.A.<br>Fargo College 1896 | *Tacoma, Wash.* | 46 E. D. |
| Ernest Day, B.A.<br>University of Minnesota 1895 | *Minneapolis, Minn.* | 54 E. D. |
| George Nelson Edwards, B.A.<br>Wesleyan University 1893 and<br>Harvard University 1894 | *Millington, Conn.* | 106 W. D. |
| Edward Russell Evans, B.A.<br>Amherst College 1894 | *Amherst, Mass.* | 85 W. D. |
| Thomas Carson Hanna, B.A.<br>Bucknell University 1895 | *Plantsville, Conn.* | Plantsville |
| Chauncey Jeddie Hawkins, B.A.<br>University of the Pacific 1896 | *Suisun, Cal.* | Woodward av. |
| Charles Arthur Jaquith, B.A.<br>Dartmouth College 1896 | *North Thetford, Vt.* | 120 W. D. |
| Albert Corey Jones, B.A.<br>Yale University 1896 | *New Haven, Conn.* | 84 William st. |
| Herbert Atchinson Jump, B.A.<br>Amherst College 1896 | *Albany, N. Y.* | 33 E. D. |
| Eugene William Lyman, B.A.<br>Amherst College 1894 | *Cummington, Mass.* | 26 E. D. |
| Frank Barr McAllister, B.A.<br>Amherst College 1896 | *Lawrence, Mass.* | 100 W. D. |
| Frederick Charles MacClave, B.A.<br>Oberlin College 1895 | *Steubenville, O.* | 21 E. D. |
| Fred Hulse Mapes, B.A.<br>Williams College 1896 | *Middletown, N. Y.* | 51 E. D. |
| Thomas Bowie Miller, B.A.<br>Wesleyan University 1896 | *New Haven, Conn.* | 115 W. D. |
| David Yeretsian Moor, B.A.<br>Williams College 1896 | *Williamstown, Mass.* | 41 E. D. |
| Warren Morse,<br>Williams College | *Williamstown, Mass.* | 41 E. D. |
| Charles Wesley Naumann, B.A.<br>Western Reserve University 1896 | *Lindsay, O.* | 107 W. D. |
| Lewis Thurston Reed, B.A.<br>Amherst College 1893 | *Worcester, Mass.* | 100 W. D. |

| | | |
|---|---|---|
| Edward Bradford Robinson, B.A.<br>Amherst College 1896 | *Winchester, Mass.* | 55 W. D. |
| Jacob Suter | *New Haven, Conn.* | 19 Broad st. |
| Ulysses Grant Warren, PH.B.<br>Syracuse University 1896 | *Farmington, Del.* | 21 E. D. |
| Baxter Waters, B.A.<br>Christian University 1894 | *Canton, Mo.* | 70 W. D. |
| Burt Leon York, B.A.<br>Amherst College 1896 | *Putnam, Conn.* | 92 W. D. |
| Edwin Gaines Zellars, B.A.<br>Lane University 1896 | *Lecompton, Kansas* | 77 W. D. |

JUNIOR CLASS, 28

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## SUMMARY

| | |
|---|---|
| RESIDENT LICENTIATES, | 4 |
| GRADUATE CLASS, | 10 |
| SENIOR CLASS, | 34 |
| MIDDLE CLASS, | 28 |
| JUNIOR CLASS, | 28 |
| TOTAL, | 104 |

# DEPARTMENT OF MEDICINE
## (YALE MEDICAL SCHOOL)

### SENIOR CLASS

| | | |
|---|---|---|
| William Samuel Barnes, PH.B. Yale University 1895 | *New Haven, Conn.* | 159 Spring st. |
| Theodore Edward Beard, Jr. | *New Haven, Conn.* | 163 Wooster pl. |
| Irving Deloss Blanchard | *Bridgeport, Conn.* | Bridgeport |
| Henry Harrison Briggs, B.A. Greeneville and Tusculum College 1893 | *Flag Pond, Tenn.* | 99 Howe st. |
| Joseph Bradford Brocksieper | *Montowese, Conn.* | Montowese |
| Ernest Dwight Chipman | *New Haven, Conn.* | 49 Pine st. |
| Timothy Francis Cohane | *New Haven, Conn.* | 276 Wallace st. |
| Joseph Anthony Cooke | *New Haven, Conn.* | 121 York st. |
| Benjamin Frank Corwin, B.A. Yale University 1895 | *New Haven, Conn.* | 347 Crown st. |
| Sanford John Ferris | *New Haven, Conn.* | 192 Davenport av. |
| Richard Stayner Graves, B.A. Trinity College 1894 | *New Haven, Conn.* | 101 Grove st. |
| John Bagg Griggs | *Hartford, Conn.* | 1016 Chapel st. |
| John Edward Herrity | *New Haven, Conn.* | 102 Ward st. |
| Arthur Leslie Howard | *St. Thomas, W. I.* | 1016 Chapel st. |
| Clarence Leishman Kilbourn | *New Haven, Conn.* | 20 Woolsey st. |
| John Aloysius Lee, B.A. Yale University 1895 | *New Britain, Conn.* | 1010 Chapel st. |
| Percy Duncan Littlejohn | *New Haven, Conn.* | 64 Lake pl. |
| Maximilian Lawrence Loeb | *New Haven, Conn.* | 200 Franklin st. |
| Albert Emory Loveland, M.A. Wesleyan University 1896 | *New Haven, Conn.* | East Grand av. |
| Ernest Kilborn Loveland, PH.G. N. Y. College Pharmacy | *Morris, Conn.* | 555 Howard av. |
| Frank John McGuire | *New Haven, Conn.* | 244 Ferry st. |
| Edward Francis McIntosh | *New Haven, Conn.* | 53 Lake pl. |
| Gilbert Totten McMaster | *New Haven, Conn.* | 6 High st. |
| Francis Irving Nettleton, PH.B. Yale University 1894 | *Shelton, Conn.* | 123 Park st. |
| Theodore Dominic Pallman | *New Haven, Conn.* | 494 Winthrop av. |
| William Fletcher Penn | *Lynchburg, Va.* | 1016 Chapel st. |
| Francis Henry Reilly | *New Haven, Conn.* | 127 Putnam st. |
| William George Reynolds, B.A. Yale University 1895 | *Watertown, Conn.* | 86 Elliott st. |
| Earle Terry Smith | *Bridgeport, Conn.* | 121 York st. |

| | | |
|---|---|---|
| Lucius Harrison Stewart | *Rutland, Vt.* | 157 York st. |
| Francis Harrison Todd, PH.B. Yale University 1895 | *New Haven, Conn.* | 62 Whalley av. |
| George Howell Warner | *Baiting Hollow, N. Y.* | 91 Park st. |
| George Albert Weaver | *Manchester, N. H.* | 147 College st. |
| William Myron Weaver | *Hartford, Conn.* | 230 Orange st. |
| Harry Little Welch, B.A. Yale University 1894 | *New Haven, Conn.* | 44 College st. |
| Lewis Hawley Wheeler | *Westport, Conn.* | 295 York st. |
| Stanley Rogers Woodruff | *Derby, Conn.* | 1016 Chapel st. |

SENIOR CLASS, 37

## JUNIOR CLASS

| | | |
|---|---|---|
| Frederick Tremaine Billings | *Washington, D. C.* | 276 Elm st. |
| Louis Mark Bishop, PH.B. Yale University 1894 | *New Haven, Conn.* | 71 Whalley av. |
| Clifford Brewster Brainard, PH.B. Yale University 1894 | *Bristol, Conn.* | 1016 Chapel st. |
| Frank Patrick Broderick | *Jamaica Plain, Mass.* | 360 George st. |
| Philip DuBois Bunting | *Ellenville, N. Y.* | 149 Dixwell av. |
| William Timothy Cannon | *New Haven, Conn.* | 57 Liberty st. |
| Albert Edward Cobb | *Norfolk, Conn.* | 121 York st. |
| Jeremiah Joseph Cohane | *New Haven, Conn.* | 27 Haven st. |
| Raymond Delmas, B.S. Talence College, France | *New Haven, Conn.* | 845 Grand av. |
| Thomas Blackmore Dowden | *New Haven, Conn.* | 109 Wall st. |
| Arthur Hall Dundon | *Bridgeport, Conn.* | 1016 Chapel st. |
| Richard Matthew English | *New Haven, Conn.* | 226 Greenwich av. |
| Joseph John Guilshan | *Westfield, Mass.* | 63 Prospect st. |
| Francis Patrick Heery | *New Haven, Conn.* | 80 Hamilton st. |
| Alfred Harold Hine | *New Haven, Conn.* | 121 York st. |
| William Joseph Hogan | *Torrington, Conn.* | 163 York st. |
| Russell Hulbert | *Middletown, Conn.* | 163 York st. |
| Frederick Walter Hulseberg | *London, England* | 276 Elm st. |
| Henry Edward Hungerford | *Bristol, Conn.* | 249 Crown st. |
| Julius Harold Hurst | *Colorado Springs, Col.* | 58 Park st. |
| Julius Stirling Loomis | *Springfield, Mass.* | 276 Elm st. |
| Terence Stephen McDermott | *New Haven, Conn.* | 216 Congress av. |
| Arshag Der Margosian, B.A. Euphrates College 1894 | *Harpoot, Turkey* | 117 Park st. |
| William Wright Markoe | *Orange, Mass.* | 123 Park st. |
| William Richard Munger | *New London, Conn.* | 39 Lake pl. |
| Frank Wesley Nolan | *Springfield, Mass.* | 121 York st. |
| Timothy Grattan O'Connell | *Bristol, Conn.* | 204 Franklin st. |

| | | |
|---|---|---|
| Edward Emmet O'Donnell | *Ansonia, Conn.* | Ansonia |
| Chrysostom O'Neill | *Waterbury, Conn.* | Waterbury |
| Frank Judson Parker, PH.B. Yale University 1895 | *Branford, Conn.* | 1161 Chapel st. |
| James Locke Perkins | *Concord, N. H.* | 293 York st. |
| Lewis Beers Porter | *New Haven, Conn.* | 183 Portsea st. |
| Wyeth Elliott Ray | *New Haven, Conn.* | 201 Portsea st. |
| Charles Ambler Rider | *West Redding, Conn.* | 88 Park st. |
| Henry Cottrell Rowland | *Greenwich, Conn.* | 1161 Chapel st. |
| Robert Cowan Sellew | *Waterbury, Conn.* | 39 Lake pl. |
| Milton See Sherwood | *Pocantico Hills, N. Y.* | 121 York st. |
| Charles Lancelot Proctor Smith | *New Haven, Conn.* | 78 Trumbull st. |
| Heman Augustus Tyler, Jr. | *Hartford, Conn.* | 402 Crown st. |
| Harry Goldsborough Watson, M.A. Western Md. College 1892 | *Centerville, Md.* | Yale Gymnasium |
| Curtis Wade Welch | *New Haven, Conn.* | 214 Orchard st. |

JUNIOR CLASS, 41

## SECOND YEAR

| | | |
|---|---|---|
| Thomas Joseph Bergin, B.A. Yale University 1896 | *New Haven, Conn.* | 14 Daggett st. |
| John Ladd Burnham, B.A. Yale University 1896 | *Springfield, Mass.* | 163 York st. |
| Charles Pender Edwards | *Ivy, N. C.* | 119 Wall st. |
| Aaron Solomon England | *West Chester, Pa.* | 138 York st. |
| Dean Foster, B.A. Univ. of Kansas 1896 | *Medford, Okla.* | 19 Sylvan av. |
| Frederic Ingate | *Mobile, Ala.* | 142 York st. |
| James Pullman, B.A. Wesleyan University 1896 | *Bridgeport, Conn.* | Bridgeport |
| Edward Dorland Smith, B.A. Yale University 1896 | *Peru, N. Y.* | 63 W.D. |
| Albert Eugene VonTobel, B.A. Yale University 1896 | *Torrington, Conn.* | 163 York st. |

SECOND YEAR, 9

## FIRST YEAR

| | | |
|---|---|---|
| John Harry Diederichs Budau | *Bridgeport, Conn.* | Bridgeport |
| George Lamb Buist, Jr., B.A. Yale University 1896 | *Charleston, S. C.* | 120 College st. |
| Harry Carter | *S. Manchester, Conn.* | 287 York st. |
| Russell Shepard Church | *Bristol, R. I.* | 63 Prospect st. |
| Edgar Garrir Clark | *New Haven, Conn.* | 100 Portsea st. |
| William Frank Clark | *Mannington, W. Va.* | 402 Crown st. |
| Samuel Michael Clurman | *New Haven, Conn.* | 1132 Chapel st. |

| | | |
|---|---|---|
| John Peter Colgan | *New Haven, Conn.* | 118 Ashmun st. |
| Frederick Coonley, B.A. Yale University 1896 | *Fort Richmond, N. Y.* | 333 York st. |
| Thomas John Corbett | *New Haven, Conn.* | 525 East st. |
| Patrick Vincent Costello | *New Haven, Conn.* | 214 Franklin st. |
| Daniel Joseph Dore | *New Haven, Conn.* | 21 Lyon st. |
| Clarence Joseph Downey | *New Haven, Conn.* | 558 Grand av. |
| James Joseph Dunleavy | *New Haven, Conn.* | 14 St. John st. |
| Cyrus West Field | *Montclair, N. J.* | 1157 Chapel st. |
| William Joseph Flannery | *New Britain, Conn.* | New Britain |
| Robert Nelson Fuller | *New Haven, Conn.* | 59 Kensington st. |
| Carl Viets Griffin | *Granby, Conn.* | 57 Prospect st. |
| Nathan Leroy Griffin | *New London, N. H.* | 19 Sylvan av. |
| Edgar Francis Hamlin | *Plantsville, Conn.* | 205 Crown st. |
| Charles William Henze | *New Haven, Conn.* | 131 West st. |
| Gould Shelton Higgins | *Hanover, Conn.* | 554 Chapel st. |
| Edward Lapham Hill | *Waldoboro, Maine* | 19 Sylvan av. |
| Thomas Vincent Hynes | *S. Meriden, Conn.* | S. Meriden |
| John Wagner Ives | *West Goshen, Conn.* | 88 Park st. |
| Henry Edward Jenkins | *Cleveland, Ohio* | 333 York st. |
| Michael Joseph Keefe | *Torrington, Conn.* | 163 York st. |
| Arthur Samuel McQueen | *New Haven, Conn.* | 11½ Park st. |
| William John Maroney | *Springfield, Mass.* | 121 York st. |
| Walter Leroy Murray | *New Haven, Conn.* | 321 Cedar st. |
| Herman Canfield Pitts | *Bristol, R. I.* | 373 Crown st. |
| Harris Starr Pomeroy | *Willimantic, Conn.* | 163 York st. |
| James Francis Quinn | *New Haven, Conn.* | 14 Anderson st. |
| Charles William Snyder, B.A. Fisk University 1896 | *Hartford, Conn.* | 107 Day st. |
| Paul Russel Stetson | *New Haven, Conn.* | 71 Sylvan av. |
| Frank Willie Stevens | *New Haven, Conn.* | 119 Park st. |
| Harry Gifford Steward | *Bridgeport, Conn.* | 144 Dwight st. |
| George Streit | *New Haven, Conn.* | S. Quinnipiac st. |
| Harold Appleton Tarbell | *Bridgeport, Conn.* | Bridgeport |
| Louis Thibault | *Waterbury, Conn.* | 528 Chapel st. |
| Robert Graham Tracy | *New Haven, Cann.* | 216 Cedar st. |
| Hakob Melik Vartanian | *Tobreez, Persia* | 541 Chapel st. |
| Wesley Grove Vincent, B.A. Yale University 1896 | *Cottage City, Mass.* | 532 P. |
| James Hart Welch, Jr. | *Forestville, Conn.* | 36 Elm st. |
| John Raymond Beach Wildman | *Danbury, Conn.* | 337 George st. |
| James Burton Williams | *Bridgeport, Conn.* | Bridgeport |
| John George Williams | *Branford, Conn.* | 163 York st. |
| William Houston Wright | *Bridgeport, O.* | 1016 Chapel st. |

FIRST YEAR, 48

## SPECIAL STUDENTS

| | | |
|---|---|---|
| Michael Kerin Grady | *New Haven, Conn.* | 23 Pearl st. |
| Harry Thomas Leddy | *Mt. Carmel, Conn.* | Mt. Carmel |
| John Woodcock Parker | *New Haven, Conn.* | 61 Bishop st. |

SPECIAL STUDENTS, 3

## SUMMARY

| | |
|---|---|
| SENIOR CLASS, | 37 |
| JUNIOR CLASS, | 41 |
| SECOND YEAR, | 9 |
| FIRST YEAR, | 48 |
| SPECIAL STUDENTS, | 3 |
| | 138 |

# DEPARTMENT OF LAW

## (YALE LAW SCHOOL)

### GRADUATE STUDENTS

| | | |
|---|---|---|
| James Albert Allen, M.A. Kentucky University 1895, M.L. Yale Univ. 1896, Attorney at Law | *Chenault, Ky.* | 250 York st. |
| George McCobb Coombs, LL.B. Yale Univ. 1895, Attorney at Law | *New Haven, Conn.* | 193 Whalley av. |
| Walter Barnes Cruttenden, B.A. Yale University 1894, LL.B. Yale Univ. 1896, Attorney at Law | *East River, Conn.* | East River |
| James Dudley Dewell, Jr., LL.B. Yale Univ. 1893, Attorney at Law | *New Haven, Conn.* | 153 Church st. |
| Robert Collyer Fergus, LL.B. Northwestern University 1893, M.L. Yale Univ. 1895, Attorney at Law | *Chicago, Ill.* | 80 Bristol st. |
| Clifford Curtis Gilbert, B.A. Wesleyan University 1893, LL.B. Yale Univ. 1896, Attorney at Law | *Middletown, Conn.* | 156 Humphrey st. |
| Shelden Douglass Gilbert, LL.B. Northwestern Univ. 1896, Attorney at Law | *Chicago, Ill.* | 1157 Chapel st. |
| John Loomer Hall, B.A. Yale University 1894, LL.B. Yale Univ. 1896, Attorney at Law | *New Haven, Conn.* | 23 Hillhouse av. |
| Francis Joseph Kearful, LL.B. Yale Univ. 1896, Attorney at Law | *San Antonio, Tex.* | 343 George st. |
| Ernest Knaebel, B.A. Yale University 1894, LL.B. Yale Univ. 1896, Attorney at Law | *Denver, Col.* | 343 George st. |
| William Henry Kreider, B.A. Lebanon Valley College 1894, LL.B. Yale Univ. 1896, Attorney at Law | *Annville, Pa.* | 363 Elm st. |
| Joseph Howard Manifold, LL.B. Yale University 1896 | *York, Pa.* | 91 Lake pl. |
| Tokichi Masao, LL.B. University of West Virginia 1895, M.L. Yale Univ. 1896, Attorney at Law | *Ozu Iyo, Japan* | 119 Park st. |
| Arthur Cleveland Mayer, LL.B. University of Nebraska 1896 | *Grand Island, Nebr.* | 136 Sherman av. |
| Origen Storrs Seymour, B.A. Yale University 1894, LL.B. Yale Univ. 1896, Attorney at Law | *Litchfield, Conn.* | 83 Elm st. |

| | | |
|---|---|---|
| Loring Vane Stewart, B.A. Pacific University 1893, LL.B. Yale Univ. 1896, Attorney at Law | *Forest Grove, Oregon* | 347 York st. |
| Joseph Cornelius Sweeney, LL.B. Yale Univ. 1896, Attorney at Law | *New Haven, Conn.* | 219 Whalley av. |
| Thaddeus Mead Talcott, Jr., LL.B. Northwestern University 1896 | *Chicago, Ill.* | 1157 Chapel st. |
| William Josiah Tilson, B.A. Yale University 1894, LL.B. Yale University 1896 | *Clearbranch, Tenn.* | I TR. |
| Charles Aaron VanVlack, Attorney at Law | *Waverly, Iowa* | 133 Dwight st. |
| Charles Herbert Williams, LL.B. Northwestern University 1896, Attorney at Law | *McPherson, Kan.* | 1157 Chapel st. |

GRADUATE STUDENTS, 21

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## SENIOR CLASS

| | | |
|---|---|---|
| William Francis Alcorn | *Suffield, Conn.* | 109 Bristol st. |
| Erroll Meredith Augur | *Woodbridge, Conn.* | 865 Chapel st. |
| Christopher Lester Avery, Jr., B.A. Yale University 1893 | *Groton, Conn.* | 555 Howard av. |
| Roger Sherman Baldwin, B.A. Yale University 1895 | *New York City* | 57 W. D. |
| George Henry Barlow | *Shelton, Conn.* | Shelton |
| Herbert Clarence Bartlett, Attorney at Law | *Vineland, N. J.* | 415 George st. |
| Harry Lewis Batterman | *Brooklyn, N. Y.* | 264 York st. |
| Samuel Fayerweather Beardsley, B.A. Yale University 1895 | *Bridgeport, Conn.* | Bridgeport |
| George Washington Belden | *Canton, O.* | 1010 Chapel st. |
| Clarence Thomas Black, Attorney at Law | *Chicago, Ill.* | 300 Elm st. |
| John Knox Blake | *Faulkland, Del.* | 43 Park st. |
| John Rufus Booth | *New Haven, Conn.* | 109 Bristol st. |
| William Eugene Brooks | *Worcester, Mass.* | 64 Lake pl. |
| George Clarke Bryant, B.A. Yale University 1895 | *Ansonia, Conn.* | Ansonia |
| Edward Taylor Buckingham, B.A. Yale University 1895 | *Bridgeport, Conn.* | Bridgeport |
| Harry Michael Burke | *S. Manchester, Conn.* | 82 Whalley av. |
| Harry Alonzo Buzzell | *Cottage City, Mass.* | 1044 Chapel st. |
| Nehemiah Candee, B.A. Yale University 1893 | *Easton, Conn.* | 555 Howard av. |

| | | |
|---|---|---|
| Oliver Case | *Collinsville, Conn.* | Collinsville |
| Ulysses Grant Church, B.A. Yale University 1895 | *Chaplin, Conn.* | 427 Temple st. |
| Archibald Foote Clark | *Brooklyn, N. Y.* | 65 Clark st. |
| Edward Luke Clark, Jr. | *Orange, Conn.* | Orange |
| Joseph Henry Clark | *New Britain, Conn.* | New Britain |
| Thomas Harper Cobbs, B.A. Washington University, Mo., 1896, Attorney at Law | *Marshall, Mo.* | 47 Lake pl. |
| Chester Linwood Dane | *Hamilton, Mass.* | 159 Elm st. |
| Bradford Williams Danielson | *Danielsonville, Conn.* | 391 George st. |
| George Everett Darling, B.A. Yale University 1895 | *Port Jefferson, N. Y.* | 250 York st. |
| Herbert Seymour Darlington | *Philadelphia, Pa.* | 1044 Chapel st. |
| Stephen Brooks Davis, Jr., B.A. Wesleyan University 1895 | *Middletown, Conn.* | 62 W. D. |
| John Elliott, B.A. Yale University 1895 | *New Haven, Conn.* | 219 York st. |
| Frederick Philip Farnsworth, PH.B. Yale University 1894 | *New Haven, Conn.* | 357 Orange st. |
| John Joseph Feely | *Joliet, Ill.* | 85 Olive st. |
| Stephen Bull French | *New York City* | 314 Crown st. |
| Jacob Lafayette Frey, Jr. | *Lancaster, Pa.* | 99 Howe st. |
| Michael Gavin, 2d, B.A. Yale University 1895 | *Memphis, Tenn.* | 15 E. D. |
| George Jay Gibson, Jr., B.A. Yale University 1895 | *Buffalo, N. Y.* | 38 Elm st. |
| Pinkus Herman Goldbaum | *New Haven, Conn.* | 220 Cedar st. |
| Lewis Guy Granger | *Winsted, Conn.* | 197 Dixwell av. |
| John George Greenspun | *New Haven, Conn.* | 504 Chapel st. |
| Henry William Griffith | *Indianapolis, Ind.* | 527 P. |
| Frank Oliver Gudgell, B.A. University of Missouri 1895 | *Independence, Mo.* | 9 Library st. |
| Clarence Wells Halbert, B.A. Yale University 1895 | *St. Paul, Minn.* | 68 W. D. |
| Hugh Tyler Halbert, B.A. Yale University 1895 | *St. Paul, Minn.* | 68 W. D. |
| Philip Zachariah Hankey | *Arlington, N. J.* | 58 W. D. |
| Frederic Thatcher Harward, B.A. Williams College 1894 | *Richmond, Me.* | 58 Park st. |
| Marshall Felton Hatcher, B.L. Mercer University 1895 | *Macon, Ga.* | 22 College st. |
| James Jamieson Hickey | *Danville, Va.* | 22 College st. |
| Edwin Werter Higgins | *Norwich, Conn.* | 149 College st |
| Charles Lyon Hill, B.A. Yale University 1895 | *Greenfield Hill, Conn.* | 90 Whalley av |

| | | |
|---|---|---|
| Allen Maxcy Hiller, M.A. Yale University 1893 | *New Haven, Conn.* | 117 College st. |
| Alfred Burdette Hughes, B.A. Yale University 1895 | *New Haven, Conn.* | 130 Forbes av. |
| William Rankin Johnston, PH.B. Yale University 1893 | *Shippensburg, Pa.* | 43 College st. |
| Arthur Henry Jones | *Brooklyn, N. Y.* | 124 Wall st. |
| Gershom Spencer Jones, B.A. Denison University, 1895 | *Jackson, O.* | 64 Lake pl. |
| George Kane | *Bridgeport, Conn.* | Bridgeport |
| John Keogh | *East Norwalk, Conn.* | E. Norwalk |
| Michael Ambrose Kilker | *Girardville, Pa.* | 82 Whalley av. |
| David Philip Klinedinst | *York, Pa.* | 78 Lake pl. |
| John Williams Lewis, B.A. Trinity College 1893 | *Bridgeport, Conn.* | Bridgeport |
| Lloyd Lowndes, Jr., B.A. Yale University 1895 | *Cumberland, Md.* | 124 W. D. |
| Edward William Lynch | *New Haven, Conn.* | 20 Baldwin st. |
| James Stewart McAnulty | *Shippensburg, Pa.* | 261 Crown st. |
| Samuel Kell McCall | *York, Pa.* | 343 George st. |
| John MacGregor, Jr., B.A. Yale University 1895 | *Akron, O.* | 57 W. D. |
| John Dun McKell, B.A. Yale University 1895 | *Chillicothe, O.* | 124 W. D. |
| George Wm. Fred'k. McMechen, B.A. Morgan College 1895 | *Wheeling, W. Va.* | 1016 Chapel st. |
| George Washington Martin, Jr. | *Brooklyn, N. Y.* | 314 Crown st. |
| Carl Ashby Mears | *Belfast, Me.* | 483 Orange st. |
| Henry Warner Merwin, PH.B. Yale University 1895 | *New Haven, Conn.* | 28 College st. |
| James Thomas Meskill | *New Britain, Conn.* | New Britain |
| John Michel | *Brooklyn, N. Y.* | 1044 Chapel st. |
| Joseph Henry Miller | *York, Pa.* | 73 Lake pl. |
| Walter Scott Miller, LL.B. Shaw Univ. 1895, Attorney at Law | *Nashville, Tenn.* | 83 Whalley av. |
| Harry Warner Minor | *Waterbury, Conn.* | 333 York st. |
| Phelps Montgomery, B.A. Yale University 1895 | *New Haven, Conn.* | 13 E. D. |
| Charles Gould Morris, B.A. Yale University 1895 | *New Haven, Conn.* | 230 Prospect st. |
| Caleb Albert Morse | *New Haven, Conn.* | 107 Edwards st. |
| David Edward Moulton | *Falmouth, Me.* | 343 George st. |
| Frank Ernest Newberry | *Wheaton, Ill.* | 85 Olive st. |
| Tizo Okada, Attorney at Law | *Kobe, Japan* | 119 Park st. |
| William O'Keefe, Jr. | *New Haven, Conn.* | 102 Orange st. |

| | | |
|---|---|---|
| Rufus Melvin Overlander | *New Haven, Conn.* | 68 George st. |
| Francis Parsons, B.A. Yale University 1893 | *Hartford, Conn.* | 83 Elm st. |
| Frederick Lord Perry | *New Haven, Conn.* | 126 Spring st. |
| Charles Frederick Peterson | *Honolulu, H. I.* | 344 Elm st. |
| Joseph Edwin Proffit, Attorney at Law | *Floyd, Va.* | 343 George st. |
| William Rick, M.A. Muhlenberg Coll. 1895, Attorney at Law | *Bethel, Pa.* | 78 Lake pl. |
| William Vincent Robbins | *Stony Creek, Conn.* | 143 College st. |
| George Press Rowell | *Stamford, Conn.* | 314 Crown st. |
| Thomas Francis Ryan | *Torrington, Conn.* | 514 Chapel st. |
| George Foster Sanford | *New Haven, Conn.* | 231 York st. |
| Edgar Norman Santoire | *Brooklyn, N. Y.* | 124 Wall st. |
| Bryan DeForest Sheedy, M.D. Univ. City of N. Y. 1885 | *Bridgeport, Conn.* | Bridgeport |
| John Edgar Small | *York, Pa.* | 78 Lake pl. |
| Clarence Minturn Smith | *Brooklyn, N. Y.* | 1142 Chapel st. |
| Thomas Hugh Smith | *New Haven, Conn.* | 809 State st. |
| Edgar Charles Snyder, B.A. Wesleyan University 1894 | *Slatington, Pa.* | 62 W. D. |
| Frank Leabert Speakman | *Wilmington, Del.* | 91 Lake pl. |
| Benjamin Ives Spock, B.A. Yale University 1895 | *New Haven, Conn.* | 66 W. D. |
| Henry Cogswell Stevenson | *Bridgeport, Conn.* | Bridgeport |
| Richard Charles Stoll, B.A. State Coll., Ky., 1895 | *Lexington, Ky.* | 22 College st. |
| George Burton Thayer | *Hartford, Conn.* | Hartford |
| John Walcott Thompson, B.A. Dartmouth College 1895 | *New Haven, Conn.* | 361 George st. |
| John Dougherty Thomson, B.A. Yale University 1896 | *Lafayette, Ind.* | 15 E. D. |
| Robert John Thomson, B.D. Yale University 1894 | *Greens Farms, Conn.* | Greens Farms |
| James Ashmun Veech, PH.B. Yale University 1894 | *New Haven, Conn.* | 23 Eld st. |
| René Petro Frederick VonMinden | *Wallingford, Conn.* | Wallingford |
| Walter John Walsh | *New Haven, Conn.* | 127 Clay st. |
| Arthur Ashford Wilder | *Honolulu, H. I.* | 344 Elm st. |

SENIORS, 109

## JUNIOR CLASS

| | | |
|---|---|---|
| Thomas Gove Adams, B.A. Yale University 1891 | *Oakland, Cal.* | 126½ Park st. |
| Arnon Augustus Alling, B.A. Yale University 1896 | *New Haven, Conn.* | 30 Mansfield st. |
| William E. Andrew, Jr. | *Atlantic Highlands, N. J.* | 124 Wall st. |
| William Ansel Arnold, B.A. Yale University 1896 | *Willimantic, Conn.* | 531 P. |
| Earlliss Palmer Arvine | *New Haven, Conn.* | 1169 Chapel st. |
| Edward William Beattie, Jr., B.A. Yale University 1895 | *Helena, Mont.* | 143 York st. |
| Charles William Birely, B.A. Yale University 1896 | *Frederick, Md.* | 526 P. |
| Jacob Emery Blatchley | *New Haven, Conn.* | 219 Blatchley av. |
| William Bradford Boardman, B.A. Yale University 1893 | *New Britain, Conn.* | 94 York sq. |
| Henry Manchester Boss, Jr. | *Providence, R. I.* | 373 Crown st. |
| Laurens Reeve Bowden | *Brooklyn, N. Y.* | 333 York st. |
| Thomas Bowen, PH.B. Yale University 1896 | *Ansonia, Conn.* | Ansonia |
| Stanley Pearce Bradish | *New York City* | 132 Howe st. |
| Hugh Burl Chace | *Lockport, N. Y.* | 249 Crown st. |
| William Ward Church | *New Haven, Conn.* | 89 Sherman av. |
| Walter Haven Clark, B.A. Yale University 1896 | *Hartford, Conn.* | 533 P. |
| Charles Frederic Clemons, B.A. Yale University 1895 | *Manchester, Vt.* | 66 W. D. |
| William Thomas Connor | *New London, Conn.* | 314 George st. |
| William Joseph Coughlin, Jr. | *Middletown, Conn.* | Middletown |
| Julius Deming Cowles | *Farmington, Conn.* | 92 Ward st. |
| Willard Newell Drown, B.A. Yale University 1896 | *San Francisco, Cal.* | 119 Wall st. |
| George Woodbury Duncklee | *Brookline, Mass.* | 37 Lake pl. |
| Edward Cochran Ellis | *Schenectady, N. Y.* | 22 College st. |
| Thomas James Field, Jr. | *Louisville, Ky.* | 22 College st. |
| Michael Flaherty, Jr., B.A. Yale University 1896 | *Derby, Conn.* | 251 Crown st. |
| Michael John Flanagan | *Bridgeport, Conn.* | Bridgeport |
| Walter Buhl Ford, B.A. Yale University 1896 | *New Haven, Conn.* | 42 Trumbull st. |
| George Congdon Fouse, C.E. Yale University 1896 | *Washington, D. C.* | 411 Temple st. |
| Oliver Philip Friberg | *Lafayette, Ind.* | 333 York st. |
| Arthur Fuller | *Newark, N. J.* | 117 Wall st. |
| Clement Austin Fuller, B.A. Yale University 1896 | *New Haven, Conn.* | 145 Olive st. |

| | | |
|---|---|---|
| Frederick William Gaines, B.A. Yale University 1896 | *New Haven, Conn.* | 333 York st. |
| Emile Godchaux, B.A. Yale University 1896 | *New Orleans, La.* | 119 Wall st. |
| Nathan Tibbals Gorham | *Hamden, Conn.* | Highwood |
| Eugene Eaton Grimm | *Franklin, Pa.* | 168 York st. |
| Gilbert Lawrence Hedges, B.A. Yale University 1896 | *Oregon City, Oregon* | 56 W. D. |
| Frederick Stephen Jackson, B.A. Yale University 1896 | *Waterbury, Conn.* | 526 P. |
| Henry Alexander Jackson, Jr. | *New York City* | 155 Elm st. |
| D. Melancthon James, B.A. Randolph-Macon College 1881, B. D. Yale University 1888 | *Fair Haven, Conn.* | 247 Prospect st. |
| Edward Peck Judd | *Wallingford, Conn.* | 63 Olive st. |
| William Carmody Patrick Keane | *New Haven, Conn.* | 121 Putnam st. |
| Perley Benjamin Lukens, B.A. National Normal University 1894 | *Lebanon, O.* | 146 College st. |
| William John McConnell | *Franklin, Pa.* | 168 York st. |
| Frank Elmer McDuffee, B.A. Yale University 1894 | *New Haven, Conn.* | 254 York st. |
| George Sutherland McLaren, B.A. Yale University 1896 | *Thompsonville, Conn.* | 56 W. D. |
| Daniel Vincent McNamee | *Philmont, N. Y.* | 157½ Congress av. |
| Frank Dustin McQuesten | *Reed's Ferry, N. H.* | 83 Elm st. |
| Clifford Cowles Mix | *Hartford, Conn.* | 74 Lake pl. |
| Joseph Oudinot Moré, B.A. Yale University 1896 | *New Haven, Conn.* | 63 W. D. |
| Charles Southerton Morris, B.A. Yale University 1896 | *New Haven, Conn.* | 408 Crown st. |
| Thomas Francis Noone | *Rockville, Conn.* | 343 George st. |
| Frank Evans Northrop | *New Haven, Conn.* | 10 Pearl st. |
| Edward Patrick O'Meara | *New Haven, Conn.* | 21 Daggett st. |
| Albert Oswald Pallman | *New Haven, Conn.* | 494 Winthrop av. |
| Charles Alfred Pelton, B.A. Yale University 1896 | *Clinton, Conn.* | 63 W. D. |
| Ruffin Goldston Pleasant, B.A. Louisiana State University 1894 | *Baton Rouge, La.* | 42 Lake pl. |
| Addison Strong Pratt, B.A. Yale University 1896 | *Fairport, N. Y.* | 534 P. |
| Arthur James Raney | *Stillman Valley, Ill.* | 333 York st. |
| Hugh Nathan Roberts | *Chicago, Ill.* | 74 Lake pl. |
| Charles Tier Russell | *Haddam, Conn.* | 157 York st. |
| Walter Aaron Saxon | *New Haven, Conn.* | 37 Silver st. |
| Horace Andrew Segelbaum | *Harrisburg, Pa.* | 78 Lake pl. |
| Claude William Shattuck | *Brooklyn, N. Y.* | 31 Lake pl. |

| | | |
|---|---|---|
| Homer Harvey Shepard | *New Haven, Conn.* | 159 Blatchley av. |
| Charles Phineas Sherman, B.A. Yale University 1896 | *Springfield, Mass.* | 38 Chestnut st. |
| Edward Willis Sherman | *New Bedford, Mass.* | 90 Whalley av. |
| Harry Roston Sherwood | *Westport, Conn.* | 524 Chapel st. |
| Ernest Clyde Simpson, B.S. Carson and Newman College 1893 | *Knoxville, Tenn.* | 138 Dwight st. |
| George White Skinner, Jr. | *Denver, Col.* | 103 Wall st. |
| Frederick Michael Small | *York, Pa.* | 64 Lake pl. |
| George Vrooman Smith, B.A. Union University 1894 | *Tioga, Pa.* | 130 Howe st. |
| Charles Conrad Spreyer | *New Haven, Conn.* | 38 Elliott st. |
| Edmund Gerald Stalter, B.A. Yale University 1896 | *Paterson, N. J.* | 527 P. |
| Jacob Bertram Ullman | *New Haven, Conn.* | 195 Congress av. |
| Arthur William Upson | *Kensington, Conn.* | Kensington |
| Harrison Grow Wagner, PH.B. Yale University 1895 | *New Haven, Conn.* | 40 Pearl st. |
| Austin Wakeman | *Saugatuck, Conn.* | 343 George st. |
| Burton Minnott Welch | *Chaplin, Conn.* | 26 Warren st. |
| Robert Jeremiah Woodruff, B.A. Yale University 1896 | *Orange, Conn.* | 1142 Chapel st. |
| Taro Yamada | *Tokyo, Japan* | 119 Park st. |
| Ezra Hallock Young, B.A. Yale University 1896 | *New Haven, Conn.* | 131 High st. |

JUNIORS, 81

## SPECIAL STUDENTS

| | | |
|---|---|---|
| Andrews Betts Comstock | *Bridgeport, Conn.* | Bridgeport |
| Henry Cotter O'Sullivan | *New Haven, Conn.* | 17 Osborn st. |

SPECIAL STUDENTS, 2

## SUMMARY

| | |
|---|---|
| GRADUATES | 21 |
| SENIORS | 109 |
| JUNIORS | 81 |
| SPECIAL STUDENTS | 2 |
| | 213 |

# SUMMARY OF STUDENTS

| | | |
|---|---|---|
| DEPARTMENT OF PHILOSOPHY AND THE ARTS: | | |
| GRADUATE SCHOOL | 227 | |
| YALE COLLEGE | 1237 | |
| SHEFFIELD SCIENTIFIC SCHOOL | 553 | |
| ART SCHOOL | 53 | |
| DEPARTMENT OF MUSIC | 76 | |
| | | 2146 |
| YALE DIVINITY SCHOOL | | 104 |
| YALE MEDICAL SCHOOL | | 138 |
| YALE LAW SCHOOL | | 213 |
| | | 2601 |
| Deduct for names inserted twice | | 106 |
| TOTAL | | 2495 |
| COURSES FOR TEACHERS | | 120 |

# DEGREES CONFERRED IN 1896

## BACHELORS OF ARTS

John Sexton Abercrombie, B.A. DePauw University 1895
Benjamin Adams
John Chester Adams
Marcellin Cote Adams
Eugene Davenport Alexander
Philip Ray Allen
Arnon Augustus Alling
Samuel Morgan Alvord
Thomas Frothingham Archbald
Wheeler Armstrong, Jr.
William Ansel Arnold
Leo Arnstein
Edgar Stirling Auchincloss
Leonard Beaumont Bacon
Henry Dunster Baker
Owen Calvin Baker
William Gideon Baker, Jr., B.A. Western Md. College 1894
Austin Baldwin, Jr.
Mark Baldwin
Kneeland Ball
James Arthur Ballentine
William Mossgrove Beard
Alfred Horatio Belo, Jr.
George Merrill Bemis
Harry Hobart Benedict
Fred Fox Bennett
Alexander Garner Bentley
John M. Berdan
Thomas Joseph Bergin
John Kirkman Berry
Frederick Howell Billard
Arthur Walker Bingham
Charles William Birely
Henry Richardson Bond, Jr.
Charles Henry Boyer
John Elliot Breckenridge
Daniel Bradley Brinsmade
John Sherrard Brittain, Jr.
William Hall Brokaw
Alexander Brown, Jr.
Herbert Stanley Brown
William Fuller Brown
George Sturges Buck
George Lamb Buist, Jr.
George Edward Bulkley
John Ladd Burnham
Bertram Joseph Cahn
Herbert Bishop Carey
Theodore Carleton
John Arthur Carley
Thomas Francis Carroll, B.S. Lehigh University 1894
William Wallace Chace
William Woods Chandler
Harvey Wood Chapman
Douglas Charnley
Ward Cheney
Edward Connor Chickering
Arthur Smith Chittenden
Thomas Benton Clark
Walter Haven Clark
Alexander Smith Cochran
Charles Coit
Christopher Bush Coleman
Russell Colgate
Charles Collins
Edward Day Collins
Wendell Phillips Colton
Lewis Roberts Conklin
William Patrick Conly
Frederick Coonley
William Henry Corbitt
Harry Parsons Cross
William Redmond Cross

Alfred Loomis Curtiss
Samuel Edward Damon
Albert Sargent Davis
Edward Lockwood Davis
Clarence Shepard Day, Jr.
Sherman Day
Estey Fuller Dayton
Lee Maltbie Dean
Johnston DeForest
Edward Everett Denison, B.A.
Baylor University 1895
Jules Gabriel Henri DeSibour
Sherwood Owen Dickerman
Thomas Frank Dougherty
John Howard Douglass, Jr.
Willard Newell Drown
Edward Lewis Durfee
John Frederick Eagle
Jay Glover Eldridge
Hollon Augustine Farr
William Perez Field
Charles Louis Fincke, Jr.
Harry Johnson Fisher
Carroll Hamilton Fitzhugh
Michael Flaherty, Jr.
Arthur Ellsworth Foote
Fred Albert Forbes
Walter Buhl Ford
Clarence Vernon Fowler
James Frank
Clement Austin Fuller
Frederick William Gaines
John Marshall Gaines
William Standish Gaylord
Emile Godchaux
Richard Johnston Goodman
William Spoohnt Gordon
William Hardy Gorman
George Wood Govert, B.A.
Illinois College 1895
Theodore Meech Gowans
Asahel Henry Grant
Harris Ray Greene
Herbert Ernest Gregory, B.S.
Gates Coll. 1890,
B.A. Gates 1895
Frank Libby Griffith
Maitland Griggs
Richard Cameron Haldeman
Elbert Bacon Hamlin
Paul Delano Hamlin
George Bates Hatch
Franke Stuart Havens
Emory Hawes
Herbert Edwin Hawkes
Carlos Clayton Heard
William Wilson Heaton
Gilbert Lawrence Hedges
Edward Charles Heidrich, Jr.
William Leonard Helfenstein
William Lester Henry
William Milton Hess
Fritz Wilhelm Hoeninghaus, Jr.
George Clay Hollister
John Chamberlain Hollister
Frank Thomas Hooker
Lester Page Hoole
Walter Stiles Hoyt
Alexander Everett Hunt, Jr.
James Abbott Hutchinson
Gerard Merrick Ives
Frederick Stephen Jackson
Frank Mason Jeffrey
Frederic Blair Johnson
Henry Selden Johnston
Albert Corey Jones
Louis Cleveland Jones
Warren Southard Jordan
Albert Galloway Keller
William Crissey Kellogg
Robert Kelly, Jr.
Tom Sidney Kingman
Troy Sylvanus Kinney
Henry Spies Kip
James Hoyt Knapp
Edgar Conrad Lackland, Jr.

Leonard Bronk Lampman
Frederick Clare Lee
Charles Bernard Lenahan
Ralph Waldo Lobenstine
John McClintock Longacre
Horace Arthur Loomis
Christopher Kiersted Loughran
Harry Borden Lovell
Robert Lusk
Robert Stewart McClenahan, B.A. Tarkio College 1893
Henry Edwin McDermott
William Adams McFadden
McKee Dunn McKee
Cyrus Fay Mackey
George Xavier McLanahan
George Sutherland McLaren
Neil Bernard Mallon
Frederick Whitney Mathews
Harry Willard Mathews
Frederic Huntington Mathison
Charles Wesley Miller, B.A. Centre College (Ky.) 1895
William Southworth Miller
Joseph Oudinot Moré
William Conger Morgan
Charles Southerton Morris
Norris Havemeyer Mundy
James Brown Neale
George Henry Nettleton
Edward Kramer Nicholson
Theodore Woods Noon
Louis Curtis Oakley
Edwin Sidney Oviatt
Alfred Day Pardee
Walter Palmer Paret
Charles Edwards Park
Frank Miner Patterson
Thomas Barbour Paxton, Jr.
Howard Seymour Peck
Philip Curran Peck
Charles Alfred Pelton
Henry Augustus Perkins
Louis Hopkins Porter
Addison Strong Pratt
Walter Franklin Prince
Morris Houghton Reed
Thomas Edward Reynolds
Eugene McJimsey Richmond
Fred Oscar Robbins
Wolcott Phelps Robbins
Henry Martyn Robert, Jr.
Edwin Loomis Robinson
James Dwight Rockwell
Robertson Tyler Root
Sylvester B. Sadler
Andrew Gregg Curtin Sage
James Denison Sawyer
Lee Rutland Scarborough, B.A. Baylor University 1892
George Hayward Schuyler
Rudolph Schwill
Alexander Scott
William Langdon Scoville
Hewlett Scudder, Jr.
Lewis Pendleton Sheldon
Charles Phineas Sherman
Murray Marvin Shoemaker
Edward Dorland Smith
George Arthur Smith
Nathaniel Waite Smith
William Dickinson Griswold Smith
Winthrop Davenport Smith
Harry Alexis Spalding
Charles Flagg Spellman
Joseph Marius Spinello
Albert Jefferson Squires
Edmund Gerald Stalter
William Judd Starkweather, Jr.
Douglas Stewart
Anson Phelps Stokes, Jr.
Herbert Gillette Strong
Thomas Shepard Strong, Jr.
David Stuart
Philemon Fowler Sturges
Eliot Sumner
James Bogert Tailer
Huntington Taylor

Arthur Ripley Thompson
Frederick Maurice Thompson
John Dougherty Thomson, B.M.E. Purdue University 1893
Samuel Thorne, Jr.
Samuel Brinckerhoff Thorne
Asa Currier Tilton
Albert Eugene VonTobel
Thomas Andrew Tracy
Ralph Bishop Treadway
Edward Livingston Trudeau, Jr.
Henry Adams Truslow
Howland Twombly
Dudley Landon Vaill
Thomas Gaylord Vennum
Wesley Grove Vincent
Frank Edward Wade
William Henderson Wadhams
Arthur Gillender Walter
Chauncey Wetmore Wells
Thomas B. Wells
George Childs Weston
Frederick Edward Weyerhaeuser
Robert Edwin Whalen
Morris Mortimer Whitaker
Joseph Wallace Wickenden
Norman Williams, Jr.
Walter Fargo Wood
William Sayre Woodhull
Robert Jeremiah Woodruff
Lewis Rogers Yeaman
Ezra Hallock Young

## BACHELORS OF PHILOSOPHY

Alva Blanchard Adams
Ernest Kempton Adams
Stewart Cortlandt Alger
Walter Hinds Allen, B.A. Yale University 1895
Wyatt Hamilton Allen
Franklin Welles Allis
George Armstrong
George Humphrey Armstrong
Percy Weir Arnold
John Shippen Atkins
Milton Ballin
George Harry Barbour
John McGuffey Barnett
Charles Coffing Beach
Guy Erastus Beardsley
Myron Irving Borg
Thomas Bowen
Winthrop Brainerd
Thomas Crossly Brett
Robert Arthur Bright
Daniel Edwards Brinsmade
Frank Faber Brooks
Henry Vincent Brothers
Arthur Flint Brown
Henry Robinson Buck
George Berry Bughman
George Lincoln Bunnell
David Hamlin Burrell, Jr.
Jonathan Prescott Burton, Jr.
Zenas Potter Candee
Elbert Howard Catlin
Malcom Green Chace
Charles Henry Booth Chapin
Charles Daniel Chapman
Frederick Storrs Chapman
George Harry Clark
Clarence Lyman Collins, 2d
Archibald Francis Commiskey
Wallace Reynolds Condict, Jr.
Wilbur Rogers Corbin
John List Crawford
Richard Turner Dana
Charles Webster Danforth
Franck George Darte
Morgan Davis
William Block Dean, Jr.
Lee DeForest

Lucius Fox Deming
Norman Edward Ditman
Hubert Cowles Downs
James Thomas Drummond, Jr.
Clarence Smith Dunbar
Hubert Ward Eccleston
Earl Samuel Edgerton
Augustus Hartje Eggers
Edward Hubbard Farren
David Cotton Fenner
Nathan Munroe Flower
Joseph Louis Forepaugh
William Frederick Forepaugh
George Wilbur Fiske Gillette
Henry Styer Grove, Jr.
George Lindsey Hailman
Robert Whitney Hanington
Howell Ross Hanson
William Hobart Hare, Jr.
Walter Henry Hart
John Francis Havemeyer
George Waller Hawley
William Patrick Healey
George Henry Hickox
Otto Gustave William Hintz, Jr.
Fred A. Holcomb
Henry Hooker
Lemuel Robert Hopton
Frank Edgar Howard
Augustus Stout Hunt
Jonathan Ingersoll
Holmes Condict Jackson
Ward Sawtelle Jacobs
Alexander Nicoll Jerrems
Edwards Johnson
George Thomes Johnson
William King
Richard Shelton Kirby
Frederick Asa Knight
Ernest Leroy Lane
George Arthur Lanphear
Charles Edward Lea
Harold Lee
Charles Warren Leland
William Clardy Lusk
Clarence Alexander Mabie
Charles Francis McCarthy
John Henry McCullagh
Harry Livingston McGee
Jemuel Gates Marty
William Linton Mather
Howard Farr Metcalf
Charles Sterling Millard, Jr.
Franklin Hoyt Miller
Harvey Miller
Otto Hensch Miller
Edward Eastman Minor
Robert Mitchell, Jr.
David Thomas Moore
Arthur Putnam Morrill
Walter Murray
Grosvenor Teackle Nicholas
Leslie Gross Parker
Arthur Williams Pearce
Charles Erasmus Peck
Frederick Peiter
Robert Hartley Perdue
Robert Jackman Perew
Marion Beardsley Phelps
John Schaffer Phipps
John Metcalfe Polk
William Henry Pouch
George Palmer Putnam, Jr.
Samuel Lees Quinby
Charles Theodore Ramsden
Frederick Archer Raymond
George Reed
Ralph Duryea Reed
Thomas Rodman
Ely Morgan Talcott Ryder
Homer Earle Sargent, Jr.
Robert Loring Sheppard
Frank Benjamin Smith
Theodore Edward Smith
Ernest William Sniffen
Joseph Speidel, Jr.
Denison Stearns
James Boorman Strong

Clarence Baker Sturges
Howard Haines Sutherland
Josiah Copley Thaw
Willis Miller Thayer
Augustus Porter Thompson
Percival Thompson
Frederick Chaffee Thrall
Joseph Henry Tracy
Robert Frederick Troescher
Thomas Horler Truslow
Harry Edward Tuttle
Eugene Bertrand Underwood
Louis Edward Underwood
Ernest Stiles Vinten
Julius deMun Walsh
Charles Hyde Warren
Thomas Henry West, Jr.
Allan Hart Whiting
Albert Reed Williams
Roger Stout Woodhull
John Harkness Wray, Jr.
Paul Darling Wright
Ross Pier Wright

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## BACHELORS OF LAWS

Robert Scott Alexander
Raymond Holbrook Arnot, B.A. Yale University 1894, *cum laude*
Will Clough Atkins
Andrew Tew Bierkan
Sparks Lyon Brooks
Harry Scovel Burrowes
John Joseph Corr
Thomas Henry Cox
Walter Barnes Cruttenden, B.A. Yale University 1894
John Joseph Cuneo
Edward Marvin Day, B.A. Yale University 1894, *cum laude*
Stephen Garretson Doig, B.A. Union University 1892
Winthrop Hillyer Duncan, B.A. Yale University 1894
Winthrop Edwards Dwight, PH.D. Yale Univ. 1895, *magna cum laude*
Edward Joseph Garvan, B.A. Yale University 1894
Clifford Curtis Gilbert, B.A. Wesleyan University 1893
Bibb Graves, B.C.E. Univ. of Alabama 1893, *cum laude*
John Loomer Hall, B.A. Yale University 1894
Paul Wolcott Harrison
Benjamin Baldwin Holston, B.A. University of Illinois 1894
James Ashworth Howarth, Jr., *cum laude*
James Sinclair Jenkins, B.A. Yale University 1894
Walter Parmelee Judson, B.A. Yale University 1893
Francis Joseph Kearful
Herbert Humphrey Kellogg, B.A. Yale University 1894
William Edward Kinne, B.A. Bates College 1889
Ernest Knaebel, B.A. Yale Univ. 1894, *summa cum laude*
William Henry Kreider, B.A. Lebanon Valley College 1894
Geo. Bigelow Bartlett Lamb, B.A. Yale University 1894
Edward Augustine McClintock
William Arthur McCord
Robin Macdonald
Patrick Julius McMahon
Edmund Holmes McVey
Wilbur Grant Manchester
Joseph Howard Manifold
Frederick Sanford Martyn, B.A. Dartmouth College 1894

John Albert Mathewman, B.A.
Yale University 1894
Samuel Gilbert Meeker
John Hill Morgan, B.A.
Yale University 1893, *cum laude*
Daniel C. Morrissey, B.L.
University of Illinois 1894
Charles Elliott Pickett
John Stephenson Pullman, B.A.
Wesleyan Univ. 1892, *cum laude*
Walter Bussey Riley, B.L.
University of Illinois 1894
Andrew Murray Robinson, B.A.
Lincoln University (Pa.) 1891
Origen Storrs Seymour, B.A.
Yale University 1894
James Adrala Sheehan
Ernest Gray Smith, PH.B.
Lafayette College 1894
Carl Frederic Stahl, B.A.
Yale University 1894
Edward Lee Steele, B.A.
Wesleyan University 1894
Loring Vane Stewart, B.A.
Pacific University 1893
Rob't. Curtis French Stoddard, PH.B.
Yale University 1894
Joseph Cornelius Sweeney
Frederick Clark Taylor
William Luther Tibbs, PH.B.
Colorado College 1894
William Josiah Tilson, B.A.
Yale University 1894
Eugene Henry Tucker
Albert Wilson Tyler
Charles Bishop Waller
Thomas Francis Welch
Edward John Woolsey

## BACHELORS OF DIVINITY

Lynn Paddock Armstrong, B.A.
Williams College 1893
Hampartsoom Hagop Ashjian
Thomas Nelson Baker, B.A.
Boston University 1893
Arthur Granville Beach, B.A.
Marietta College 1891
George Aldrich Bushee, B.A.
Williams College 1892
Christopher Walter Collier, B.A.
Williams College 1892 and
Harvard University 1893
Edward Jasper Converse, B.A.
Ohio State University 1886
Benjamin Franklin Dailey, PH.D.
Butler University 1894
Morgan Daniel
James Davis
John Deans, Jr.
John Milton Dick
Percy Harold Epler, B.A.
Illinois College 1892
Edward Henry Eppens
Charles Kingsley Fankhauser, B.A.
Marietta College 1893
John Hiram Grant, B.A.
Amherst College 1892
Hugh Jones
John Hovey Kimball, B.A.
Beloit College 1893
Evarts Wilson Pond, B.A.
Dartmouth College 1891
Nathan Powell, B.A.
Vanderbilt University 1894
Isaac Woodbridge Riley, B.A.
Yale University 1892
Wallace Mertin Short, B.A.
Beloit College 1893
John Evans Thomas
Charles Nicholas Thorp, B.A.
Amherst College 1891
William Wood Wallace, B.A.
Hamilton College 1890
William Marston Weeks
Edgar Couch Wheeler, PH.B.
Beloit College 1893
James Williams

## MASTERS OF ARTS

Daniel Floyd Culler, B.A.
Pennsylvania College 1893

Philip Dowell, B.A.
Augustana College 1885,
PH.B. Yale University 1895

Judson Schultze Dutcher, B.A.
Yale University 1886

John Warren Edgerton, B.A.
Trinity College 1894

Reuben Post Halleck, B.A.
Yale University 1881

Frederic Scheetz Jones, B.A.
Yale University 1884

Paul Klimpke, B.A.
Yale University 1893

Arthur Power Lord, B.A.
Yale University 1893

Arthur Marvin, B.A.
Yale University 1891

George Daniel Pettee, B.A.
Yale University 1887

Fred Spencer Wright, B.A.
University of Vermont 1894

## MASTERS OF LAWS

James Albert Allen, M.A.
Kentucky University 1895,
LL.B. Kentucky University 1894

Albert Hampton Barclay, B.A.
Yale University 1891,
LL.B. Yale University 1895

David Edward Fitzgerald, LL.B.
Yale University 1895

James Stevens Green, LL.B.
Yale University 1895

Alber James Kenyon, LL.B.
Yale University 1891

Samuel John Marsh, LL.B.
Yale University 1895

Tokichi Masao, LL.B.
University of West Virginia 1895,
*cum laude*

William Thomas Maxey, LL.B.
Northwestern University 1892

Ambrose Irving Moriarty,
U. S. Military Academy 1887,
LL.B. Yale University 1895, *cum laude*

John Newell Piatt, LL.B.
Yale University 1895

William Scott, LL.B.
Yale University 1895

Wilbur Roscoe Thirkield, LL.B.
University of Michigan 1895

Henry Martin Zimmermann, LL.B.
University of Michigan 1895

## CIVIL ENGINEERS

Charles Barto Brown, PH.B.
Yale University 1894

George Congdon Fouse, PH.B.
Yale University 1893

Hiram Allen Miller, PH.B.
Yale University 1876

William Morris Weller, B.A.
Western Maryland College 1889,
PH.B. Yale University 1894

## MECHANICAL ENGINEER

Clarence Cicero Wilson, B.A.
Yale University 1892,
PH.B. Yale University 1893

## DOCTORS OF CIVIL LAW

William Roderick Adams, M.L.
Yale University 1895
William Frederick Foster, M.L.
Yale University 1895, *cum laude*
Adam Pearson, LL.B.
New York Law School 1894,
M.L. Yale University 1895

## DOCTORS OF MEDICINE

Larmon Winthrop Abbott, *cum laude*
Orland Rossini Blair, PH.B.
Yale University 1893
Allen Ross Defendorf, B.A.
Yale University 1894
Thomas Long Ellis, B.A.
Yale University 1894
Charles Childs Gildersleeve
Michael Henry Richard Gill
Louis Michael Gompertz
Irvin Granniss
Samuel Mowbray Hammond, PH.B.
Yale University 1893
Harry Hall Hartung
Isaac Morris Heller, PH.B.
Yale University 1894
Charles Werden Holbrook, M.A.
Amherst College 1893
George Moulthrop Hubbell, PH.B.
Yale University 1894
Milo Hotchkiss Jones
Clifford Walcott Kellogg, *cum laude*
John Lawrence Kelly, B.A.
College of the Holy Cross 1892
William Sanford Kingsbury, B.S.
Trinity College 1891
James Stephen Maher, PH.B.
Yale University 1892
Alfred Goldstein Nadler, B.A.
Yale University 1893
Clifford Seeley Page
Michael Joseph Sheahan
Egbert Livingston Smith
Howard Franklin Smith, B.A.
Yale University 1894
Hugh Currie Thompson
Sanford Hosea Wadhams, PH.B.
Yale University 1894, *cum laude*

## DOCTORS OF PHILOSOPHY

Warren Austin Adams, B.A.
Yale University 1886
William Bacon Bailey, B.A.
Yale University 1894
Leslie Dayton Bissell, B.A.
Yale University 1887
Henry Walter Bunn, B.A.
Yale University 1894
Frank Herbert Chase, B.A.
Yale University 1894
Kate Holladay Claghorn, B.A.
Bryn Mawr College 1892
Anna Alice Cutler, M.A.
Smith College 1889
Elizabeth Street Dickerman, B.A.
Smith College 1894
Charlotte Fairbanks, B.A.
Smith College 1894
Henry Thatcher Fowler, B.A.
Yale University 1890
Edward Grier Fullerton, M.A.
Univ. of Pennsylvania 1886
Gustav Gruener, B.A.
Yale University 1884
Mattie Anstice Harris, M.A.
Lincoln College (Ill.) 1894
Wm. Thomas Hildrup Howe, PH.B.
Yale University 1893

Charles Samuel Ingham, B.A.
Yale University 1891
Skunkichi Kimura, B.S.
Imperial University of Japan 1887
Boynton Wells McFarland, C.E.
Yale University 1891
James Lee Mitchell, B.A.
Harvard University 1884
Robert Hastings Nichols, B.A.
Yale University 1894
Alfred John Pearson, B.A.
Bethany College 1893
Alton William Peirce, B.A.
Yale University 1893
Joseph Hyde Pratt, PH.B.
Yale University 1893
Clifton Price, B.A.
Cornell University 1889
Edward Bliss Reed, B.A.
Yale University 1894
Alice Elizabeth Sawtelle, B.A.
Colby University 1888
Sarah Margaret Sherrick, PH.B.
Otterbein University 1889
Theodate Louise Smith, M.A.
Smith College 1884
George Clarence Thompson, M.A.
Wake Forest College 1888
Percy Talbot Walden, PH.B.
Yale University 1892
Arthur Leslie Wheeler, B.A.
Yale University 1893

## HONORARY DEGREES:

### DOCTORS OF DIVINITY

Rev. Dwight Whitney Learned, B.A.
Yale University 1870
Rev. Henry vanDyke, B.A.
Princeton University 1873

### DOCTORS OF LAWS

Theodore Bacon, B.A.
Yale University 1853
Charles Francis Brown, B.A.
Yale University 1866
John Watson Foster, B.A.
Indiana State University 1855
Dwight Loomis
Rufus Wheeler Peckham
William Henry Welch, B.A.
Yale University 1870

### MASTERS OF ARTS

Theodore Alfred Bingham
William Henry Hunt
John LaFarge
Graham Lusk, PH.D.
University of Munich 1888
Samuel Lewis Penfield, PH.B.
Yale University 1877
Horatio McLeod Reynolds, B.A.
Yale University 1880
Horace Lemuel Wells, PH.B.
Yale University 1877
Henry Roger Wolcott

## HONORS IN THE ACADEMICAL DEPARTMENT

### Honors in all Studies, Class of 1896

ORATIONS

John Marshall Gaines

Lewis Roberts Conklin

Albert Galloway Keller
Sherwood Owen Dickerman
Louis Hopkins Porter
Alexander Garner Bentley
Hollon Augustine Farr
William Conger Morgan
Christopher Bush Coleman
Addison Strong Pratt
Fred Fox Bennett
Charles Collins
Edward Everett Denison
William Lester Henry
Henry Edwin McDermott
Arthur Walker Bingham

Edward Day Collins
Frank Mason Jeffrey
Charles William Birely
Edward Lewis Durfee
William Gideon Baker
Rudolph Schwill
Herbert Ernest Gregory
Lee Rutland Scarborough
Albert Eugene Von Tobel
John Chester Adams
Jay Glover Eldridge
George Henry Nettleton
Edwin Loomis Robinson

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John Sexton Abercrombie
Eugene Davenport Alexander
Philip Ray Allen
Samuel Morgan Alvord
John M. Berdan
Harvey Wood Chapman
Sherman Day
William Standish Gaylord
Theodore Meech Gowans
Maitland Griggs
Herbert Edwin Hawkes
William Milton Hess
Frederick Stephen Jackson
Louis Cleveland Jones

Robert Stewart McClenahan
McKee Dunn McKee
Henry Augustus Perkins
Walter Franklin Prince
Fred Oscar Robbins
Sylvester B. Sadler
Hewlett Scudder, Jr.
Anson Phelps Stokes, Jr.
Asa Currier Tilton
Howland Twombly
William Henderson Wadhams
Fred'k. Edward Weyerhaeuser
Robert Edwin Whalen

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Marcellin Cote Adams
Thomas Frothingham Archbald
Owen Calvin Baker
John Elliot Breckenridge
Herbert Stanley Brown
William Fuller Brown
George Sturges Buck
John Ladd Burnham
Bertram Joseph Cahn
Thomas Francis Carroll
Ward Cheney
Edward Conner Chickering
Walter Haven Clark
William Patrick Conly

Charles Louis Fincke, Jr.
Clarence Vernon Fowler
Clement Austin Fuller
George Wood Govert
Franke Stuart Havens
Edward Charles Heidrich, Jr.
Ralph Waldo Lobenstine
Theodore Woods Noon
Charles Alfred Pelton
Charles Phineas Sherman
Edward Dorland Smith
Philemon Fowler Sturges
Samuel Thorne, Jr.

DISSERTATIONS

Leonard Beaumont Bacon
Austin Baldwin, Jr.
Kneeland Ball
Alfred Horatio Belo, Jr.
George Merrill Bemis
Herbert Bishop Carey
William Wallace Chace
Arthur Smith Chittenden
Wendell Phillips Colton
Frederick Coonley
Edward Lockwood Davis
Lee Maltbie Dean
James Frank
Frederick William Gaines
Richard Johnston Goodman
Frederick Blair Johnson
Charles Wesley Miller
Edward Kramer Nicholson
Wolcott Phelps Robbins
Lewis Pendleton Sheldon
Winthrop Davenport Smith
Harry Alexis Spalding
Albert Jefferson Squires
Wesley Grove Vincent
Joseph Wallace Wickenden
William Sayre Woodhull

DISPUTES

William Ansel Arnold
Leo Arnstein
Edgar Stirling Auchincloss
John Arthur Carley
William Woods Chandler
Thomas Benton Clark
William Henry Corbitt
Clarence Shepard Day, Jr.
Johnston deForest
William Spoohnt Gordon
William Hardy Gorman
Richard Cameron Haldeman
Gilbert Lawrence Hedges
William Leonard Helfenstein
John Chamberlain Hollister
Frank Thomas Hooker
William Crissey Kellogg
Robert Kelly, Jr.
Charles Bernard Lenahan
Cyrus Fay Mackey
Louis Curtis Oakley
Philip Curran Peck
Henry Martyn Robert, Jr.
Nathaniel Waite Smith
Charles Flagg Spellman
Joseph Marius Spinello
Arthur Ripley Thompson
Samuel Brinkerhoff Thorne
Chauncey Wetmore Wells

---

Benjamin Adams
Mark Baldwin
John Kirkman Berry
William Hall Brokaw
Charles Coit
Harry Parsons Cross
Jules Gabriel Henri deSibour
John Howard Douglass, Jr.
Fred Albert Forbes
Asahel Henry Grant
George Clay Hollister
Lester Page Hoole
Walter Stiles Hoyt
Albert Corey Jones
Horace Arthur Loomis
Harry Willard Matthews
Joseph Oudinot Moré
Edwin Sidney Oviatt
Charles Edwards Park
Murray Marvin Shoemaker
Robert Henry Burton Smith
Lewis Aaron Sulcov
Frederick Maurice Thompson
Ralph Bishop Treadway
Dudley Landon Vaill
Arthur Gillender Walter
Thomas B. Wells

COLLOQUIES

William Mossgrove Beard
Arthur Hillier Beaty
George Edward Bulkley
William Redmond Cross
Estey Fuller Dayton
Willard Newell Drown
Harry Johnson Fisher
Carroll Hamilton Fitzhugh
Harris Ray Greene
Frank Libby Griffith
Paul Delano Hamlin
Alexander Everett Hunt, Jr.
James Abbott Hutchinson
Henry Selden Johnston
Warren Southard Jordan
Henry Spies Kip
George Sutherland McLaren
Frederick Whitney Mathews
Frederic Huntington Mathison
William Southworth Miller
Charles Southerton Morris
Frank Miner Patterson
Robertson Tyler Root
Edmund Gerald Stalter
Douglas Stewart
Thomas Shepard Strong, Jr.
David Stuart
Eliot Sumner
Norman Williams, Jr.
Lewis Rogers Yeaman

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Arnon Augustus Alling
Henry Dunster Baker
Thomas Joseph Bergin
John Sherrard Brittain, Jr.
Theodore Carleton
Alexander Smith Cochran
Alfred Loomis Curtiss
Samuel Edward Damon
Albert Sargent Davis
Michael Flaherty, Jr.
Arthur Ellsworth Foote
Elbert Bacon Hamlin
George Bates Hatch
William Wilson Heaton
Christopher Kiersted Loughran
Neil Bernard Mallon
Benjamin Minor Massey
Walter Palmer Paret
Alexander Scott
George Arthur Smith
Herbert Gillette Strong
James Bogert Tailer
Thomas Andrew Tracy
Henry Adams Truslow
Walter Fargo Wood

HONORS IN SPECIAL STUDIES

TWO-YEAR HONORS

*In Philosophy :*
Estey Fuller Dayton
William Milton Hess

*In Political Science and Law :*
Herbert Stanley Brown
Christopher Bush Coleman
Louis Hopkins Porter
Addison Strong Pratt

*In Ancient Languages :*
Alexander Garner Bentley
Hollon Augustine Farr
William Lester Henry
Frank Mason Jeffrey

*In History :*
Edward Day Collins
Wendell Phillips Colton
Johnston deForest
Edward Lewis Durfee
Louis Hopkins Porter
Walter Franklin Prince
Sylvester B. Sadler
Asa Currier Tilton

*In Natural Sciences :*
Richard Johnston Goodman
Franke Stuart Havens
William Conger Morgan
Edward Dorland Smith
Albert Eugene VonTobel

ONE-YEAR HONORS

*In Philosophy :*
William Conger Morgan
Walter Franklin Prince

*In History :*
Lee Rutland Scarborough
Harry Alexis Spalding

*In Political Science and Law :*
William Gideon Baker, Jr.
Bertram Joseph Cahn
Edward Everett Denison
Robert Lusk
Charles Wesley Miller
Lee Rutland Scarborough

*In Music :*
William Woods Chandler

*In Ancient Languages :*
Edward Conner Chickering
Robert Stewart McClenahan
Theodore Woods Noon

*In Modern Languages :*
Jay Glover Eldridge

*In English :*
John M. Berdan
Rudolph Schwill

*In Natural Sciences :*
John Elliot Breckenridge
John Ladd Burnham
Louis Cleveland Jones
Henry Edwin McDermott

## JUNIOR APPOINTMENTS

YALE COLLEGE, CLASS OF 1898

PHILOSOPHICAL ORATIONS

ROBT. WODROW ARCHBALD, JR.
ASHBEL HINMAN BARNEY
SAMUEL ELIOT BASSETT
NORMAN BUCKINGHAM BEECHER
FRANKLIN HENDRICKSON BOOTH
ZENAS MARSTON BRIGGS
AUGUSTUS WILSON CLAPP
RUSSELL ERVIN COLCORD
CHARLES EVERETT FARR
MORTON LAZELL FEAREY
MORRELL WALKER GAINES
ARTHUR THOMAS GALT
RICHARD BUTLER GLAENZER
PHILIP SANFORD GOULDING
CHARLES WELLES GROSS
ROBERT ERNEST HUME
LEEDS JOHNSON
FREDERICK AUGUST LEHLBACH
LOUIS SAMTER LEVY
SYDNEY KNOX MITCHELL
ERNEST CLAP NOYES
EDWARD CARTER PERKINS
ROBERT KILBURN ROOT
FRANK HIRAM SHALL
HENRY SILLCOCKS
FRANK RAYMOND STOCKER
CHARLES HOWARD TEETER
ALFRED HOWE TERRY
JOHN MUNRO WOOLSEY
HOWARD BROWN WOOLSTON
HENRY BURT WRIGHT

ORATIONS

George Haven Abbott
Carleton Henry Barclay
Enoch Frye Bell
George Alexander Bridge
Noah Arthur Burr
Molton Avery Colton
Edgar Selah Downs
William Gage Erving
Herbert Wescott Fisher
Henry Fletcher
William Ruthven Flint
Charles Brownell Gage
Harold Ames Hatch
Abner Pierce Hayes
Charles Potter Hine
Peter Hagner Holme
William Hazen Peck
Lemuel Gardner Pettee
Robert Kimball Richardson
George Minot Ripley
James Robinson Smith
Wilmot Haines Thompson, Jr.
Walter Lewis Vaughan
Charles McLean Warren

Carl Emanuel Andreen
Herman Nathaniel Baker
Hiram Bingham, Jr.
James Coffinberry Brooks
Eugene Watson Burlingame
Eli Ives Butler
Augustus Frisbie Cleveland
David Brewer Eddy
Edward Octavius Emerson, Jr.
Fred Julius Fassett
Malcolm Shiland Fearey
John Harold Fuller
Herbert Draper Gallaudet
Fred Macdonald Gilbert
George Arthur Hanford
Junius Royal Judson
Leroy DeWolf Kellogg
John Treadwell Norton, Jr.
Norman Day Otis
Darius Edward Peck
Worthington Scranton
Archibald Delap Smith
Ferrars Heaton Tows
Pierce Noble Welch, Jr.

DISSERTATIONS

William Park Benjamin
Luther Guy Billings
David DeForest Burrell
Louis Henry Butterworth
Ralph Ewing Clark
Henry Baldwin Cogswell
Weston Spies Gales
David Halliday Moffat Gillespie
Philip William Grece
Eugene Hale, Jr.
Henry Winslow Hincks
Job Edgar Johnson
John Riley Livermore
Dennis Joseph McCarthy
Julian Starkweather Mason
Orlando Paul Metcalf
Charles Thomas Payne
Harold Sylvester Recknagel
Alfred Ernest Richards
Samuel Newton Spring
Lawrence Thurston
Robert James Turnbull, Jr.
John Wilson Walsh
Paul Whitin
Arthur Baldwin Williams, Jr.
Arthur Collins Williams

DISPUTES

Burnham Carter Benner
Frank Joseph Born
John Merritt Bromley
Henry Emerson Butler
Robert Henry Crowell
Dana Lee Eddy
Manfred William Ehrich
Justus Miles Forman
Robert Thompson Garrison
Ernest Howe
Walter Meigs
Herbert Elwin Nims
Goodrich Barbour Rhodes
William Jacob Shroder
William Newell Vaile
Edward Reed Whittemore
Frederick Ely Williamson

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Arthur Douglas Baldwin
Arthur Henry Bartlett
Martin Toscan Bennett
Edward Lord Clark
Horace Bushnell Clark
James Dickerson Coe
James Tilden Crane
Raymond Moreau Crosby
Philip Earl Dudley
Ray Llewellyn Evans
Thomas Mellon Evans
Robert Harvey Gay
Charles Frederick Gehrmann
Walter Godchaux
Winfred Morgan Hartshorn
Franklin Atkins Lord
Paul Augustine McQuaid
Julien Ashton Ripley
Maxwell Warren Rockwell
Thomas Max Smith
Norman Arthur Street
Edward Clark Streeter
Roderick Terry, Jr.
Julius Tuckerman
Arthur Gustavus Ward
Payne Whitney

COLLOQUIES

Abraham Rosecrans Baldwin
Clifford Edward Bear
Isaac Bliss
Daniel Joseph Brown
William Patrick Callanan
Orrin Melville Clark
Charles Job Fowler
Frederick William Huxford
Theodore Alexander McGraw
Samuel Andrew Marshall
John Randolph Paxton, Jr.
William Stevens Ray
Howard Dickinson Reeve
Harry Hosmer Rowland
Herbert Adolph Scheftel
Frank William Sheehan
Ralph Henry Shone
George Prichard Stimson
Isaac Newton Swift
Edwin Bryant Treat
David Cushman Twichell
Victor Morris Tyler
Fred'k. Theodore vanBeuren, Jr.
John Aloysius Walsh
John Welles
Horace Wilder Wilcox

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Thomas Allen, 3d
Elmer Ellsworth Beeck
Alexander Bunce
Jacob Burnet Burnet
Clifford Dudley Cheney
Nathaniel Hartley Cowdrey
Ashbel Parmelee Fitch, Jr.
Otto Goldsmith
Joseph Hall Hart
Adelbert Stone Hay
Robert Reynolds Hitt
Thomas Martin James
Warren Bowditch Johnson
Carleton Coffin Jones
Sidney Robinson Kennedy
Everett Phoenix Ketchum
Edwin Burruss King
David Thomas Leahy, Jr.
William Robertson Letcher
Theodore Monell
Grenville Dodge Montgomery
George Colton Moore
Edward Norris
William Satterlee Packer, Jr.
Charles Henry Peix, Jr.
James Otis Rodgers
George Gebner Schreiber
William Edward Selin
Henry King Smith
Fred Wheeler Tenney
Ernest Walker
Ernest Wales Whittemore
Forsyth Wickes
Lewis Mason Williams
Oliver Tousey Wilson

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## HONORS IN THE SHEFFIELD SCIENTIFIC SCHOOL

BACHELORS OF PHILOSOPHY, CLASS OF 1896

Alva Blanchard Adams
Ernest Kempton Adams
Wyatt Hamilton Allen
Henry Robinson Buck
Frederick Storrs Chapman
Clarence Lyman Collins, 2d
Richard Turner Dana
Charles Webster Danforth
Morgan Davis
Lee DeForest
Norman Edward Ditman
Augustus Hartje Eggers
George Lindsey Hailman
Robert Whitney Hanington
William Patrick Healy
Lemuel Robert Hopton
Frank Edgar Howard
Holmes Condict Jackson
Richard Shelton Kirby
Ernest Leroy Lane
William Linton Mather
Thomas Rodman
Ely Morgan Talcott Ryder
Frank Benjamin Smith
Ernest William Sniffen
Joseph Henry Tracy
Louis Edward Underwood
Ernest Stiles Vinten
Charles Hyde Warren

## HONORS IN THE MEDICAL SCHOOL

CLASS OF 1896

Degree of M.D., *cum laude*

Larmon Winthrop Abbott
Clifford Walcott Kellogg
Sanford Hosea Wadhams, Ph.B.

---

## HONORS IN THE LAW SCHOOL, 1896

Degree of D.C.L., *cum laude*

William Frederic Foster, M.L.

Degree of M.L., *cum laude*

Tokichi Masao, LL.B.
Ambrose Irving Moriarty, LL.B.

Degree of LL.B., *summa cum laude*

Ernest Knaebel, B.A.

Degree of LL.B., *magna cum laude*

Winthrop Edwards Dwight, Ph.D.

Degree of LL.B., *cum laude*

Raymond Holbrook Arnot, B.A.
Edward Marvin Day, B.A.
Bibb Graves, B.C.E.
James Ashworth Howarth, Jr.
John Hill Morgan, B.A.
John Stephenson Pullman, B.A.

JUNIOR CLASS

Christopher Lester Avery, Jr., B.A.
Roger Sherman Baldwin, B.A.
Samuel Fayerweather Beardsley, B.A.
Nehemiah Candee, B.A.
Michael Gavin, 2d, B.A.
George Jay Gibson, Jr., B.A.
Michael Ambrose Kilker
Harry Warner Minor
David Edward Moulton
Francis Parsons, B.A.
Charles Frederick Peterson
John Walcott Thompson, B.A.
Henry Waterman, Ph.B.
Arthur Ashford Wilder

## UNIVERSITY PRIZES, AWARDED JUNE, 1896:

JOHN A. PORTER PRIZE—Winthrop E. Dwight, Ph.D., of the Law School.

Committee of Award: Rev. George William Douglas, D.D., New Haven;
Alfred L. Ripley, Andover, Mass.;
Professor Wm. Lyon Phelps, Ph.D., Yale University.

BENNETT PRIZE—Addison S. Pratt, Class of 1896, Yale College.

COBDEN CLUB MEDAL—Herbert S. Brown, Class of 1896, Yale College.

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## PRIZES AWARDED IN THE ACADEMICAL DEPARTMENT, 1895-96:

DEFOREST PRIZE MEDAL—Class of 1896, Anson Phelps Stokes, Jr.

TOWNSEND PREMIUMS—Class of 1896, Henry D. Baker, George S. Buck, Philip C. Peck, Henry A. Perkins, Louis H. Porter.

DEFOREST MATHEMATICAL PRIZES—Class of 1896, 2d Prizes, John M. Gaines, Herbert E. Hawkes; Class of 1897, 1st Prize, Arthur W. Ewell; 2d Prizes, William F. Clark, Allen H. Hitchcock; Class of 1898, 1st Prize, Morrell W. Gaines; 2d Prize, Edward R. Whittemore; 3d Prize, Frederick A. Lehlbach; Class of 1899, 1st Prize, John P. Norton; 2d Prize, George P. Baker; 3d Prize, Marvyn Scudder.

WINTHROP PRIZES—Class of 1897, 1st Prize, Charles U. Clark; 2d Prize, Abraham R. Brubacher.

HENRY JAMES TENEYCK PRIZES (for the Junior Exhibition)—Class of 1897, 1st Prize, Nathan A Smyth; 2d Prizes, Frederic M. Burgess, Charles U. Clark, Henry S. Coffin, Martin B. Faris, Emerson D. Fite, William G. Low, Jr., Walter D. Makepeace.

SCOTT PRIZE IN GERMAN—Class of 1897, William D. Beach.

SCOTT PRIZE IN FRENCH—Class of 1897, Charles U. Clark.

LUCIUS F. ROBINSON LATIN PRIZES—Classes of 1896 and 1897, 1st Prize, Edwin L. Robinson, Class of 1896; 2d Prize, Rurey F. Hill, Class of 1897; Class of 1898, 1st Prize, Henry B. Wright; 2d Prize, Louis S. Levy; 3d Prize, Robert E. Hume.

THACHER PRIZES—Class of 1896, Anson P. Stokes, Jr.; Class of 1897, Charles U. Clark.

C. WYLLYS BETTS PRIZE—Class of 1898, Herbert W. Fisher, with honorable mention of Louis S. Levy.

COOK PRIZE IN ENGLISH—Class of 1896, Harvey W. Chapman.

ELOCUTION PRIZES—Class of 1898, 1st Prizes, David B. Eddy, Morton L. Fearey; 2d Prize, Lebbeus H. Rogers, Jr.

MCLAUGHLIN PRIZES—Class of 1899, 1st Prize, John P. Norton; 2d Prize, John V. Doniphan, Jr.

BERKELEY PREMIUMS IN LATIN COMPOSITION—Class of 1899, 1st Grade, Edward B. Boise, Alfred Y. Dubuque, John F. Flynn, Arthur W. Lovell, Samuel W. Sawyer; 2d Grade, John K. Clark, William J. Cooney, John P. Norton, Henry R. Shipman, Ralph G. VanName, William G. Wallace, Eliot Watrous.

HUGH CHAMBERLAIN GREEK PRIZE—Class of 1900, Frank Eugene Hale, Hartford High School, with honorable mention of Edward Collins Stone, Hartford High School, and Albert William Van Buren, Phillips Academy, Andover, Mass.

PLAINFIELD (N. J.) PRIZE, for the best examination for admission of candidates from that city, divided between William Marsh McCutchen and William Evarts Tracy.

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## UNDERGRADUATE SCHOLARS OF THE HOUSE, YALE COLLEGE, 1896–97:

WOOLSEY Scholars—Class of 1897, NATHAN A. SMYTH; Class of 1898, HENRY B. WRIGHT; Class of 1899, ARTHUR W. LOVELL.

SCOTT HURTT Scholars—Class of 1897, WALTER D. MAKEPEACE; Class of 1898, MOLTON A. COLTON.

THOMAS GLASBY WATERMAN Scholars—Class of 1897, WENDELL P. KEELER; Class of 1898, SAMUEL E. BASSETT.

DANIEL LORD, Junior, Memorial Scholar—Class of 1897, FRED T. MURPHY.

ALFRED BARNES PALMER Scholar—Class of 1900, ROGER C. PECK.

HURLBUT Scholar—Class of 1899, JOHN P. NORTON.

THIRD FRESHMAN Scholar—Class of 1899, EDWARD B. BOISE.

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## PRIZES AWARDED IN THE SHEFFIELD SCIENTIFIC SCHOOL, JUNE, 1896:

Class of 1896:

FOR EXCELLENCE IN CIVIL ENGINEERING—Richard Sheldon Kirby with honorable mention of Ely Morgan Talcott Ryder.

FOR EXCELLENCE IN MECHANICAL ENGINEERING—Lemuel Robert Hopton.

Class of 1897:

FOR EXCELLENCE IN THE MATHEMATICS OF THE JUNIOR YEAR—The Prize divided between Edson Allen Hoffman, Frankfort, Ky. and Edmund Francis Tweedy, Danbury, Conn., with honorable mention of Edward Arthur Bredt, Orange, N. J., and George Paul Wisdom, Chicago, Ill.

FOR EXCELLENCE IN GERMAN—The Prize divided between Edson Allen Hoffman, Frankfort, Ky., and Harrie Waterman Peck, New Britain, Conn., with honorable mention of Edward Arthur Bredt, Orange, N. J.

Class of 1898:

FOR EXCELLENCE IN ALL THE STUDIES OF THE FRESHMAN YEAR—The Prize divided between Richard Krementz, Newark, N. J., and Walter Laning Worrall, New York City, with honorable mention of George Hoppin Humphreys, Jr., New York City, and Edward James Sherwood, Westport, Conn.

FOR EXCELLENCE IN PHYSICS—Walter Laning Worrall, New York City, with honorable mention of George Hoppin Humphreys, Jr., New York City, and Richard Krementz, Newark, N. J.

FOR EXCELLENCE IN GERMAN—Edward James Sherwood, Westport, Conn., with honorable mention of Justin Frank Grant, Stamford, Conn., and Richard Krementz, Newark, N. J.

FOR EXCELLENCE IN FRENCH—Fred Gilbert Ferrey, Pittsfield, Mass., with honorable mention of Etheredge Walker, Boston, Mass., and Walter Laning Worrall, New York City

FOR EXCELLENCE IN CHEMISTRY—Walter Laning Worrall, New York City, with honorable mention of Louis Albert Chase, Plainfield, N. J., and Richard Krementz, Newark, N. J.

FOR EXCELLENCE IN MATHEMATICS—The Prize divided between Herbert Hastings, Hartford, Conn., and Walter Laning Worrall, New York City, with honorable mention of Fred Gilbert Ferrey, Pittsfield, Mass., and Richard Krementz, Newark, N. J.

FOR EXCELLENCE IN MECHANICAL DRAWING—Herbert Hastings, Hartford, Conn., with honorable mention of Charles Frederick Parker, Guilford, Conn.

Class of 1896:

STUDENTS DISTINGUISHED IN THE DEPARTMENT OF MILITARY SCIENCE, whose names will be published in the United States Army Register for 1897—Ernest William Sniffen, of Sandy Hook, Conn., Grosvesnor Teackle Nicholas, of New York City, and Clarence Lyman Collins, 2nd, of New Haven, Conn.

PRIZES AWARDED IN THE SCHOOL OF THE FINE ARTS, JUNE, 1896:

ALICE KIMBALL ENGLISH PRIZE—Jean M. Burr.

ETHEL CHILDE WALKER PRIZE—Divided between Edith V. Cowles and Mildred L. Cowles.

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PRIZES AWARDED IN THE DIVINITY SCHOOL, MAY, 1896:

DWIGHT FELLOWSHIP—Arthur G. Beach, B.A.

FOGG SCHOLARSHIP PRIZES—Hagope H. Bayunderian, B.A., Francis C. Bliss, B.A., Charles Boppell, B.A., Charles B. B. Bowser, B.A., John P. Deane, B.A., Will C. Ferris, B.L., Arthur E. Fraser, B.A., Frederic W. Heberlein, B.A., John K. Moore, B.A., Ira E. Pinney, B.A., Herbert J. Wyckoff, B.A.

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PRIZES AWARDED IN THE MEDICAL SCHOOL, JUNE, 1896:

CAMPBELL GOLD MEDAL—Clifford W. Kellogg.

KEESE PRIZE—Allen R. Defendorf, B.A., with honorable mention of Isaac M. Heller, Ph.B., and Clifford W. Kellogg.

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PRIZES AWARDED IN THE LAW SCHOOL, JUNE, 1896:

TOWNSEND PRIZE— Class of 1896, John Loomer Hall, B.A.

Committee of Award: E. N. Taft, Esq., New York City;
Thomas Thacher, Esq., New York City;
Prof. Theodore S. Woolsey, Yale University.

JEWELL PRIZE—Class of 1896, Ernest Knaebel, B.A.

MUNSON PRIZE—Class of 1896, Ernest Knaebel, B.A., with special honorable mention of Francis J. Kearful.

Committee of Award: Talcott H. Russell, Esq.;
Leonard M. Daggett, Esq.;
Samuel C. Morehouse, Esq.

BETTS PRIZE—Class of 1897, Christopher L. Avery, Jr., B.A.

WAYLAND PRIZES (Yale Kent Club Debate)—Class of 1896, 1st Prize, Herbert H. Kellogg, B.A.,; 2d Prize, Ernest G. Smith, Ph.B.; 3d Prize, William L. Tibbs, Ph.B.

Committee of Award: Hon. C. M. Depew, LL.D., New York City;
Rev. Geo. William Douglas, D.D., New Haven;
C. N. Kendall, Esq., New Haven.

# DIRECTORY

The names of *officers* are printed in italics.

The names of students are followed by the designations of their several classes (Grad., Graduate; Sr., Senior; Mid., Middle; Jr., Junior; 2, Second Year; 1, First Year; So., Sophomore; Fr., Freshman; Spec., Special); the names of students have appended also an indication of the Department to which each belongs, viz.:—*a*, Academical Department; *d*, Divinity School; *f*, School of the Fine Arts; *g*, Graduate School; *l*, Law School; *m*, Medical School; *mus.*, Department of Music; *s*, Sheffield Scientific School; *t*, Teachers' Courses.

Names of buildings, etc., are abbreviated as follows:

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

Abbott, C. W., So. *a* 344 WH.
Abbott, D. C., *g* West Haven
Abbott, G. H., Jr. *a* 281 L.
Abbott, M. W., *g* West Haven
Adams, B. S., Fr. *a* 9 Library st.
Adams, F. B., Fr. *a* 217 York st.
Adams, F. C., *g* 91 Bristol st.
Adams, F. M., *g* 146 Edwards st.
*Adams, G. B., Prof.* (244 L.) 384 Whitney av.
Adams, J. B., So. *a* 599 P.
Adams, J. C., *g* 597 P.
Adams, J. P., Fr. *a* 238 York st.
Adams, M. T., So. *a* 310 W.
Adams, R. C., So. *a* 60 W. D.
Adams, T. G., Jr. *l* 126½ Park st.
*Adams, W. A., Instr.* 11 Lake pl.
Adams, W. R., *g* 22 College st.
Aimes, H. H. S., Sr. *s* 339 Orange st.
Alcorn, W. F., Sr. *l* 109 Bristol st.
Alexander, E., Fr. *a* 1044 Chapel st.
Alexander, J. L., Spec. *s* 1044 Chapel st.
Alford, A. K., Jr. *s* 133 Wall st.
Allen, D. C., *t* Bridgeport
Allen, F. W., Fr. *a* 121 N.
Allen, J. A., Grad. *l* 250 York st.
Allen, M. A., *g* 83 Grove st.
Allen, M. W., Spec. *s* 110 Wall st.
Allen, N. G., *mus.* 1494 Chapel st.
Allen, T., Jr. *a* 47 V.
Allen, W. H., *g* 58 W. D.
Alling, A. A., Jr. *l* 30 Mansfield st.
*Alling, A. N., Instr.* 199 York st.
Alling, E. P., *f* 120 Sherman av.
Alport, J. W., Sr. *a* 403 B.
Alsop, J. W., Jr. *s* 133 College st.
Ames, S. D., So. *a* 294 W.
Ames, W. M., Fr. *s* 55 Prospect st.
Amos, W. J., *t* Stamford
Amy, A. A., Jr. *d* 111 W. D.
Anderson, F. T., Jr. *s* 169 West st.
Anderson, J. N., Jr. *s* 169 West st.
Anderson, R. B., So. *a* 571 P.
*Anderson, W. G., Instr.* (GYMN.) 315 York st.
Andreen, C. A., Jr. *a* 85 S. M.
*Andreen, G. A., Instr.* 35 Whalley av.
Andreen, P. A., *g* 35 Whalley av.
Andrew, W. E., Jr. *l* 124 Wall st.
Andrews, C. W., Fr. *s* 130 Wall st.
Andrews, E. C., Fr. *a* 233 York st.
Andrews, H. C., So. *a* 99 N.
Andrews, W. W., Jr. *a* 315 W.
Anthony, R. L., Fr. *a* 333 York st.
Archbald, R. W., Jr. *a* 205 D.
Archbold, J. F., Fr. *s* 110 Wall st.
Armstrong, L. D., So. *a* 588 P.

*Arnold, E. H., Ass't.* 15 Wall st.
Arnold, H. S., Fr. *a* 24 Dwight pl.
Arnold, W. A., Jr. *l* 531 P.
Arvine, E. P., Jr. *l* 1169 Chapel st.
Ashjian, H. H., Grad. *d* 46 E. D.
Ashley, E. F., Sr. *s* 91 Lake pl.
Askew, R. K., Fr. *a* 27 High st.
Atha, A. H., So. *a* 289 W.
Atha, C. G., Jr. *s* 110 Wall st.
Atkin, E., So. *a* 128 High st.
Atterholt, F. M., Fr. *a* 250 York st.
Atwater, J. H., *f* 321 Whitney av.
Atwater, M. R., *t* Cedar Hill
Atwood, G. E., So. *a* 121 York st.
Augur, E. M., Sr. *l* 865 Chapel st.
Augur, H. B., Sr. *a* 103 N.
Austell, A., Jr. *s* 114 High st.
Austin, M., *g* 83 Grove st.
Averell, W. H., Fr. *a* 7 Library st.
Avery, C. L., Sr. *l* 555 Howard av.
Ayer, E. P., Res. lic. *d* 114 W. D.
Ayers, N. M., Jr. *s* 36 Elm st.
Ayres, R., Jr. *s* 332 Temple st.
Ayres, W. M., Sr. *a* 27 V.
Babcock, A. B., Fr. *s* 110 Wall st.
Babcock, H. W., Fr. *a* 70 Trumbull st.
Babcock, S. D., Sr. *a* 4 V.
Backes, W. J., Fr. *s* 287 York st.
Backus, H. C., Fr. *s* 26 Forbes av.
*Bacon, B. W., Instr.* (10 E. D.) 30 Trumbull st.
*Bacon, L. W., Ass't.* 294 Elm st.
Bacon, M. A., *f* Newtown
Bailey, J. H., Fr. *a* 16 Rose st.
*Bailey, M., Instr.* (150 F.) 442 Temple st.
Bailey, P. H., Sr. *a* 333 WH.
Bailey, W. B., *g* 22 Lynwood st.
Baker, A. J., Fr. *a* 569 P.
Baker, G. M., Fr. *a* 120 High st.
Baker, G. P., So. *a* 89 S. M.
Baker, H. N., Jr. *a* 146 F.
Baker, R. C., Fr. *a* 583 P.
Baker, T. N., Grad. *d* 20 E. D.
Baldwin, A. D., Jr. *a* 370 WH.
Baldwin, A. R., Jr. *a* 301 W.
*Baldwin, C. S., Instr.* (15 WH.) 57 Wall st.
Baldwin, DeF., So. *a* 260 Crown st.
Baldwin, E. C., *g* 82 Whalley av.
Baldwin, E. G., *g* 54 Garden st.
Baldwin, F. F., Fr. *s* 110 Wall st.
Baldwin, R. S., Sr. *l* 57 W. D.
*Baldwin, S. E., Prof.* (69 Church st.) 44 Wall st.
Baldwin, W. D., Sr. *a* 266 L.
Ballou, F., Fr. *s* 1 Hillhouse av.
Balmer, W. E., Sr. *a* 94 S. M.
*Bancroft, C. K., Tutor* 102 N.
Bangs, M. B., So. *a* 298 W.
Barbour, A. L., *g* 70 Whalley av.
Barbour, L. B., Fr. *a* 250 York st.
Barclay, C. H., Jr. *a* 159 F.
Bardeen, N., Fr. *a* 406 B.
Barhydt, G. W., *g* Westport
Barker, R. A., Sr. *a* 357 WH.
Barlow, G. H., Sr. *l* Shelton
Barnard, E. L., Sr. *a* 148 F.
Barnes, A. F., Sr. *s* 88 Wall st.
*Barnes, B., Ass't.* 1442 Chapel st.
Barnes, C. D., Sr. *a* 357 WH.
Barnes, N. L., Sr. *s* 117 Wall st.
Barnes, T. G., Sr. *a* 139 F.
Barnes, T. M., Sr. *a* 9 V.
Barnes, W. S., Sr. *m* 159 Spring st.
Barnett, W. L., Jr. *a* 27 College st.
Barney, A. H., Jr. *a* 211 D.
Barney, D. S., Sr. *s* 117 Wall st.
Barney, J. W., Fr. *a* 379 WH.
*Barney, S. E., Ass't. Prof.* 346 Whitney av.
Barnum, R. N., Jr. *s* 131 Grove st.
Barrell, A. M., Fr. *a* 313 York st.
Barrett, C. D., *f* Wallingford
Barrett, C. F., *mus.* Wallingford
Barstow, W. A., So. *a* 522 P.
Bartholomew, G. H., Fr. *a* 225 Sherman av.
Bartholomew, W. C., Fr. *a* 225 Sherman av.
Bartlett, A. H., Jr. *a* 101 Dwight st.
Bartlett, C. G., So. *a* 380 WH.
Bartlett, C. H., Sr. *s* 297 Crown st.
*Bartlett, C. J., Instr.* 45 Lake pl.
Bartlett, H. C., Sr. *l* 415 George st.
Bartlett, N. W., Fr. *a* 155 Elm st.
Bartlett, S. R., Fr. *a* 216 D.
Bass, L. M., Sr. *a* 316 W.
Bassett, F. P., Fr. *a* 192 York st.
Bassett, J. B., Fr. *s* 61 Grove st.
Bassett, S. E., Jr. *a* 159 F.
Bates, H. W., Fr. *s* 59 Wall st.
Batterman, H. L., Sr. *l* 264 York st.
Battey, L. F., So. *a* 411 B.
Bauer, E. T., Fr. *a* 143 York st.
Bauman, M., *t* 98 Ward st.
Baylis, A. B., Jr. *a* 8 V.
Bayunderian, H. H., Mid. *d* 119 W. D.
Beach, A. G., Grad. *d* Berlin

*Beach, F. E., Ass't. Prof.* 44 Lyon st.
Beach, S. Y., Jr. *s* 59 Grove st.
Beach, W. D., Sr. *a* 130 F.
Bean, D. O., Sr. *d* 110 W. D.
Bear, C. E., Jr. *a* 365 WH.
Beard, G. A., *t* Westville
Beard, L. L., So. *a* 162 F.
Beard, T. E., Sr. *m* 13 Wooster pl.
Beard, W. S., Sr. *d* 82 W. D.
Beardsley, H. J., Fr. *a* 41 Howe st.
Beardsley, S. F., Sr. *l* Bridgeport
Beattie, E. W., Jr. *l* 143 York st.
Beck, F. G., So. *a* 162 F.
*Beebe, W., Ass't. Prof.* 262 Bradley st.
*Beecher, C. E., Ass't. Prof.* (9 M.) 313 Crown st.
Beecher, J. C., *mus.* Shelton
Beecher, N. B., Jr. *a* 375 WH.
Beeck, E. E., Jr. *a* 224 D.
Beers, C. W., Sr. *s* 583 Orange st.
*Beers, G. E., Ass't. Prof.* (15 Law School) 31 Lake pl.
*Beers, H. A., Prof.* (171 F.) 25 Vernon st.
Beinecke, B., Jr. *s* 36 Elm st.
Belden, G. W., Sr. *l* 1010 Chapel st.
Belden, J. C., Sr. *s* 120 High st.
Belin, C. A., So. *a* 282 L.
Bell, A. M., Fr. *s* 391 Temple st.
Bell, A. McD., Fr. *a* 64 Whalley av.
Bell, A. W., Sr. *a* 56 V.
Bell, E. F., Jr. *a* 158 F.
Bement, C. R., Sr. *s* 131 Grove st.
Benedict, C. B., Sr. *s* 117 Wall st.
Benjamin, H. F., Jr. *s* 133 College st.
Benjamin, W. P., Jr. *a* 214 D.
Benner, B. C., Jr. *a* 95 S. M.
Bennett, E. W., *f* 357 Elm st.
Bennett, M. T., Jr. *a* 32 V.
Bennett, W., Sr. *s* 131 Grove st.
*Bennett, W. L., Instr.* (179 Church st.) 357 Elm st.
Bentley, C., Fr. *a* 333 York st.
Berdan, J. M., *g* 523 P.
Berger, W. F. B., So. *a* 168 F.
Bergin, T. J., 2 *m* 14 Daggett st.
Berry, C. D., So. *a* 585 P.
Berry, C. H., Sr. *s* West Haven
Best, J. W., Sr. *s* 103 Wall st.
Betts, A. G., Sr. *s* 120 High st.
Betts, E. H., Jr. *a* 214 D.
Betts, W. R., Jr. *a* 49 V.
Bibbins, A. S., *t* Darien
Bicknell, J., So. *a* 1098 Chapel st.
Bill, P. W., Sr. *s* 22 College st.
Billings, A. H., *g* 70 Whalley av.
Billings, F. T., Jr. *m* 276 Elm st.
Billings, L. G., Jr. *a* 125 N.
Bindley, E. H., Fr. *a* 250 York st.
Bingham, H., Jr. *a* 125 N.
Birch, H. T., Fr. *a* 121 York st.
Birely, C. W., Jr. *l* 526 P.
Bishop, J. H., Fr. *s* 133 Wall st.
*Bishop, L. B., Ass't.* 77 Whitney av.
Bishop, L. M., Jr. *m* 71 Whalley av.
*Bishop, W. H., Instr.* 68 High st.
Bissell, A. H., Sr. *a* 77 S. M.
Bissell, B. W., *t* 308 Crown st.
Bissell, C. T., Sr. *s* 225 Crown st.
Bissell, H., Fr. *a* 9 Library st.
Bissell, H. M., So. *a* 543 P.
*Bissell, L. D., Ass't.* 1010 Chapel st.
Bissell, S., Sr. *a* 77 S. M.
Black, C. T., Sr. *l* 300 Elm st.
Blackman, E. C., Jr. *s* 64 Edgewood av.
*Blackman, W. F., Prof.* (7 E. D.) 253 St. Ronan st.
Blackwell, H. D., *g* 541 Howard av.
Blake, J. K., Sr. *l* 43 Park st.
Blakely, Q., Mid. *d* 94 W. D.
Blanchard, I. D., Sr. *m* Bridgeport
Blatchley, J. E., Jr. *l* 219 Blatchley av.
Blatchley, M. N., *t* 219 Blatchley av.
Bliss, F. C., Mid. *d* 73 W. D.
Bliss, I., Jr. *a* 85 S. M.
Blomfield, S. F., Mid. *d* 109 W. D.
Blount, F. A., Fr. *a* 82 Whalley av.
Blumenthal, E., Jr. *a* 400 B.
Blumenthal, F. W., Fr. *a* 248 York st.
Boardman, F., Sr. *a* 305 W.
Boardman, H. E., Fr. *s* 79 Wall st.
Boardman, R. A., Sr. *s* 347 Orange st.
Boardman, W. B., Jr. *l* 94 York sq.
Bockius, H. G., Sr. *s* 22 College st.
Boise, E. B., So. *a* 298 W.
Bolster, F. E., Jr. *d* 92 W. D.
*Boltwood, B. B., Instr.* 162 S. L.
Bonnell, J. F., Sr. *s* 125 High st.
Boocock, H., Fr. *a* 238 York st.
Bookwalter, A. G., Sr. *a* 223 D.
Booth, A. E., *g* 52 Howe st.
Booth, F. H., Jr. *a* 263 L.
Booth, G. A., *g* 450 Elm st.
Booth, H. E., *f* 205 Orchard st.
Booth, J. R., Sr. *l* 109 Bristol st.
Borden, H. S., Jr. *a* 11 V.
Borden, J. H., So. *a* 545 P.
Borden, L. L., Jr. *s* 111 Grove st.

*Borden, W. A., Libr.* (Libr.) Westville
Born, F. J., Jr. *a* 252 L.
Boss, H. M., Jr. *l* 373 Crown st.
Bosworth, C. I., Jr. *s* 43 College st.
Bosworth, F. H., Sr. *a* 67 V.
Botkin, A. W., Fr. *s* 120 York st.
*Bourne, E. G., Prof.* 73 Mansfield st.
*Bowden, J., Tutor* 90 Lake pl.
Bowden, L. R., Jr. *l* 333 York st.
Bowen, T., Jr. *l* Ansonia
Bowles, H. T., So. *a* 600 P.
Bowser, C. B. B., Mid. *d* 105 W. D.
Boyajian, Z. E., *g* 249 Crown st.
Boyce, J., So. *a* 1010 Chapel st.
Boyce, J. R., *t* 641 State st.
Boyce, S. G., So. *a* 1010 Chapel st.
Boyd, D. M., So. *a* 297 W.
Boyd, G. N., Fr. *a* 217 York st.
Boyle, M., Sr. *a* 36 V.
Brackett, A. S., *t* Bridgeport
Brackett, E. S., Sr. *a* 73 S. M.
Bradford, E. G., Fr. *a* 115 Park st.
Bradish, S. P., Jr. *l* 132 Howe st.
Bradley, A. P., *t* 352 Whitney av.
Bradley, B. K., *f* 212 York st.
Bradley, N. C., Sr. *s* 102 Wall st.
Bradley, W. M., Spec. *s* 1346 Chapel st.
Brady, N. F., So. *a* 1044 Chapel st.
Brainard, C. B., Jr. *m* 1016 Chapel st.
Brainard, M. B., Fr. *a* 250 York st.
Brainerd, H. W., Fr. *a* 250 York st.
Brand, P. R., Fr. *s* 113 Wall st.
*Brastow, L. O., Prof.* (5 E. D.) 128 Wall st.
Bratten, C. T., Fr. *s* 22 College st.
Brayton, C. A., So. *a* 22 College st.
Breck, A., Mid. *d* 98 W. D.
Bredt, E. A., Sr. *s* 111 Grove st.
Breen, M. L., *t* 573 George st.
*Brennan, A. K., Ass't.* 49 Humphrey st.
Brennan, A. S., *t* 59 Kimberly av.
Brett, W. L., Jr. *a* 276 Elm st.
Brewer, A., Sr. *s* 88 Wall st.
Brewer, E. H., Sr. *s* 131 Grove st.
*Brewer, W. H., Prof.* (4 S. H.) 418 Orange st.
Brewster, A. J., Sr. *a* 34 Hillhouse av.
Brewster, R. S., Sr. *a* 20 V.
Bridge, G. A., Jr. *a* 252 L.
Briggs, G. L., Sr. *d* 97 W. D.
Briggs, H. H., Sr. *m* 99 Howe st.
Briggs, Z. M., Jr. *a* 401 B.
Brigham, H., Sr. *a* 404 B.
Brinley, C. E., Fr. *a* 203 York st.
Brinton, H. F., Jr. *a* 31 E. D.
Bristol, A. L., *mus.* 191 Exchange st.
Bristol, K. S., *f* 191 Exchange st.
Broatch, J. W., *g* 596 P.
Broatch, R. E., Jr. *s* 78 Lake pl.
Brock, J. P., Fr. *a* 248 York st.
Brocksieper, J. B., Sr. *m* Montowese
Broderick, F. P., Jr. *m* 360 George st.
Bromley, J. M., Jr. *a* 101 St. John st.
Bronson, C. W., Fr. *a* 1233 Chapel st.
Bronson, E. H., Sr. *d* 78 W. D.
Bronson, E. S., Fr. *a* 1161 Chapel st.
Bronson, H. L., Fr. *a* 1233 Chapel st.
Brooke, F. H., So. *a* 600 P.
Brooke, G. C., Sr. *a* 20 V.
Brooke, S. P., So. *a* 293 York st.
Brookfield, F., Sr. *a* 61 V.
Brooks, C. S., Fr. *a* 567 P.
Brooks, J. A., Spec. *s* Derby
Brooks, J. C., Jr. *a* 41 V.
Brooks, W. E., Sr. *l* 64 Lake pl.
Brown, A. H., Sr. *a* 150 Shelton av.
Brown, A. J., So. *a* 289 W.
Brown, B. B., Mid. *d* 79 W. D.
Brown, C. P., Sr. *s* 28 Trumbull st.
Brown, D. J., Jr. *a* 95 S. M.
Brown, E. W., Sr. *s* 106 Sherman av.
Brown, G. L., Sr. *s* 117 Wall st.
Brown, G. W., So. *a* 215 East st.
Brown, J., So. *a* 587 P.
Brown, M. W., *t* 96 Broadway
Brown, P. J., Jr. *s* 86 W. D.
*Brown, R., Sec'y.* Observatory pl.
Brown, R. D., Jr. *s* 65 York sq.
Brown, S. E., *t* 96 Broadway
Brown, T. M., Sr. *a* 325 W.
Brown, W. M., Fr. *s* Yalesville
*Browning, P. E., Instr.* (Kent Lab.) 351 WH.
*Brownson, C. L., Instr.* 79 Edwards st.
Brubacher, A. R., Sr. *a* 107 N.
Bruce, K., Fr. *a* 75 Broadway
*Brush, G. J., Prof.* (3 S. H.) 14 Trumbull st.
Bryan, J. W., Sr. *a* 108 N.
Bryant, G. C., Sr. *l* Ansonia
Bryant, O. S., So. *a* 114 N.
Bryson, J. H., Sr. *s* 117 Wall st.
*Buchner, E. F., Instr.* 131 Howe st.
Buchwalter, R. Z., So *a* 1044 Chapel st.
Buck, J. H., Fr. *a* 314 Crown st.
Buck, W., Fr. *a* 120 High st.

Buckingham, C. H., Sr. *s* 111 Grove st.
Buckingham, D. F., Jr. *s* 261 Crown st.
*Buckingham, E. T., Ass't.* (32 Law School) Bridgeport
Buckingham, S. M., So. *a* 414 B.
*Buckland, E. G., Ass't. Prof.* (152 Church st.) 83 Elm st.
Budau, J. H. D., 1 *m* Bridgeport
Buell, W. H., Fr. *s* 39 Lake pl.
Buist, G. L., 1 *m* 120 College st.
Bulkley, J. E., So. *a* 250 York st.
*Bumstead, H. A., Instr.* (118 WINCH.) 203 Lawrence st.
Bunce, A., Jr. *a* 203 D.
Bunce, F. I., *t* 113 Poplar st.
Bunnell, C. T., *f* Stratford
*Bunnell, O. G., Instr.* 96 York sq.
Bunting, P. D., Jr. *m* 149 Dixwell av.
Burgess, F. M., Sr. *a* 13 V.
Burke, H. M., Sr. *l* 82 Whalley av.
Burlingame, E. W., Jr. *a* 398 B.
Burlock, J. S., *t* 78 Whalley av.
Burnet, J. B., Jr. *a* 345 WH.
Burnet, R. W., Sr. *a* 225 D.
Burnett, C. W., Jr. *a* 283 W.
Burnham, J. L., 2 *m* 163 York st.
Burns, K. L., Fr. *a* 223 D.
Burr, J. M., *f* Monroe
Burr, N. A., Jr. *a* 364 WH.
Burrell, D. D., Jr. *a* 208 D.
Burrell, N. M., So. *a* 208 D.
Burtis, C. H., So. *a* 286 W.
Burwell, M. R., *t* 67 Howe st.
*Bush, C. E., Ass't.* (1 S. H.) 133 Howe st.
Bush, W. E., Sr. *s* W. Haven
Bushnell, C. C., *g* 92 York sq.
Butler, A. N., Fr. *a* 223 Bradley st.
Butler, E. I., Jr. *a* 258 L.
*Butler, G. H., Clerk* (5 TR.) 136 Dwight st.
Butler, H. E., Jr. *a* 370 WH.
Butler, J. I., Sr. *s* 43 College st.
Butterworth, L. H., Jr. *a* 252 L.
Buzzell, H. A., Sr. *l* 1044 Chapel st.
Byers, D. C., Jr. *a* 390 B.
Cadwalader, B. L., Jr. *a* 253 L.
Callahan, A. P., Fr. *a* 35 College st.
Callahan, H. A., So. *a* 35 College st.
Callanan, W. P., Jr. *a* 97 N.
Calland, F. E., *g* 200 Grove st.
Callender, R., Jr. *a* 340 WH.
Calyer, W. J., Sr. *a* 106 N.

Cameron, A., *g* 119 W. D.
*Cameron, A. G., Ass't. Prof.* 18 Trumbull st.
Cameron, D., Sr. *d* 39 E. D.
Cameron, D. P., Fr. *s* 223 York st.
Cameron, J. S., So. *a* 223 York st.
Cameron, W. S., Sr. *s* 111 Grove st.
Camp, J. P., So. *a* 289 George st.
Camp, S. B., Fr. *a* 271 L.
Camp, S. G., Fr. *a* 295 York st.
Campbell, A. S., Jr. *a* 117 Park st.
Campbell, E. P., Jr. *s* 119 Wall st.
Campbell, H. G., Sr. *a* 3 V.
*Campbell, J., Prof.* Hartford
Campbell, J. H., Fr. *a* 159 Elm st.
Campbell, J. I., *t* Wallingford
Campbell, K. G., *t* 45 Hamilton st.
Campbell, S., Fr. *a* 248 York st.
Canby, H. S., Fr. *s* 86 Wall st.
Candee, N., Sr. *l* 555 Howard av.
Canfield, E. T., So. *a* 101 W. D.
Cannon, H. L., *g* 473 Winthrop av.
Cannon, W. T., Jr. *m* 57 Liberty st.
Capen, C. P., Fr. *a* 394 B.
Capen, R. I., So. *a* 101 W. D.
Carey, H. W., Sr. *a* 314 W.
Carey, R. D., Fr. *a* 333 York st.
Carle, R. W., Sr. *a* 67 V.
Carleton, G. M., So. *a* 174 F.
Carlisle, E. E., *t* 135 Main st.
Carlton, E. W., Sr. *s* 111 Grove st.
Carmalt, G. W., *f* 87 Elm st.
*Carmalt, W. H., Prof.* 87 Elm st.
Carpenter, H. E., Jr. *s* 146 College st.
Carroll, C. J., Fr. *s* 166 York st.
Carson, J. D., So. *a* 176 F.
Carter, H., 1 *m* 287 York st.
Carter, L. R., Sr. *s* 88 Wall st.
Carver, C. A., Fr. *a* 427 Temple st.
Case, O., Sr. *l* Collinsville
Casler, D. B., Fr. *a* 421 Temple st.
Caton, J. C., Mid. *d* 81 W. D.
Cerf, S. B., Sr. *s* 117 Wall st.
Chace, H. B., Jr. *l* 249 Crown st.
Chadwick, C., Sr. *a* 311 W.
Chamberlain, A. R., Sr. *s* 59 Grove st.
Chamberlin, B C., Sr. *s* 117 Wall st.
Chambers, H. W., So. *a* 22 College st.
Chandler, R. W., Fr. *a* 31 High st.
Chandler, W. W., *mus.* 31 High st.
Chapman, H. W., *g* Bridgeport
Chappell, D., Fr. *a* 1044 Chapel st.
Chappell, F. V., Jr. *s* 1044 Chapel st.
Chappell, G. S., Sr. *a* 1044 Chapel st.
Charnley, C. M., Sr. *a* Dwight Hall

*Chase, F. L., Ass't. Astron.* Observ'y.
Chase, L. A., Jr. *s* 116 College st.
Chase, M. F., Fr. *a* 248 York st.
Chauncey, G. S., Jr. *s* 111 Grove st.
Cheney, A., Jr. *s* 133 College st.
*Cheney, B. A., Ass't. Prof.* 40 Elm st.
Cheney, C. D., Jr. *a* 245 L.
Cheney, F. D., Fr. *a* 265 L.
Cheney, H. C., So. *a* 88 S. M.
Cheney, R. O., Sr. *s* 104 Wall st.
Cherington, R. B., Jr. *d* 107 W. D.
Chester, C. M., Sr. *s* 131 Grove st.
Childs, C. F., So. *a* 1010 Chapel st.
Chipman, E. D., Sr. *m* 49 Pine st.
Chisholm, F. M., Fr. *a* 1142 Chapel st.
Chisholm, W. K., Jr. *a* 2 V.
Chisolm, R. S., Sr. *a* 293 W.
*Chittenden, R. H., Prof.* (63 B. L.) 83 Trumbull st.
Chittenden, W. L., Fr. *a* 570 P.
Church, R. G., Fr. *s* 73 Lake pl.
Church, R. S., 1 *m* 63 Prospect st.
Church, U. G., Sr. *l* 427 Temple st.
Church, W., Sr. *a* 284 W.
Church, W. W., Jr. *l* 89 Sherman av.
Churchill, W., Sr. *a* 206 D.
Clapp, A. W., Jr. *a* 135 F.
Clapp, R. G., Fr. *s* 163 York st.
Clapp, S. H., Fr. *a* 227 Crown st.
Clark, A. B., Sr. *a* 43 V.
Clark, A. F., Sr. *l* 65 Clark st.
Clark, B., Jr. *a* 42 V.
Clark, C. U., Sr. *a* 148 F.
Clark, E. G., 1 *m* 100 Portsea st.
Clark, E. Lord, Jr. *a* 398 B.
Clark, E. Luke, Sr. *l* Orange
Clark, G. B., Fr. *a* 1142 Chapel st.
Clark, G. H., *g* 125 Spring st.
Clark, H. B., Jr. *a* 328 W.
Clark, H. S., Fr. *s* 332 Temple st.
Clark, James E., Sr. *s* 14 Jefferson st.
*Clark, John E., Prof.* (40 N. S. H.) 445 Orange st.
Clark, J. H., Sr. *l* New Britain
Clark, J. K., So. *a* 177 F.
Clark, J. W., Fr. *a* 47 Lake pl.
Clark, M. T., Sr. *s* 22 College st.
Clark, M. W., *t* Saybrook
Clark, O. M., Jr. *a* 113 N.
Clark, R. E., Jr. *a* 317 W.
Clark, R. S., Fr. *s* 77 Wall st.
Clark, W. Francis, Sr. *a* 100 N.
Clark, W. Frank, 1 *m* 402 Crown st.
Clark, W. H., Jr. *l* 533 P.
Clark, W. R., Fr. *s* Shelton
*Clarke, C. G., Instr.* 219 York st.
Clarke, T. B., Fr. *a* 120 York st.
Clarke, T. L., Sr. *a* 325 W.
Clarke, W. R., Fr. *a* 226 York st.
Clausen, G. U., Sr. *s* 22 College st.
Cleland, F. B., Sr. *s* 101 Wall st.
Clement, A. W., Fr. *a* 53 Lake pl.
Clemons, C. F., Jr. *l* 66 W. D.
Cleveland, A. F., Jr. *a* 66 V.
Clurman, S. M., 1 *m* 1132 Chapel st.
Clyde, J. P., Jr. *d* 53 E. D.
Coakley, M. C., *t* 15 Foster st.
Coaney, G. D., Fr. *a* 333 York st.
Cobb, A. E., Jr. *m* 121 York st.
Cobb, F. M., Sr. *a* 147 F.
Cobbs, T. H., Sr. *l* 47 Lake pl.
Cochran, W., So. *a* 414 B.
Cochran, W. F., Jr. *s* 111 Grove st.
Cocks, G. H., So. *a* 547 P.
Coe, F. S., Fr. *s* 419 Temple st.
Coe, J. D., Jr. *a* 273 L.
*Coe, W. R., Instr.* (75 B. L.) 2 Hillhouse av.
Coffin, C. E., So. *a* 175 F.
Coffin, H. S., Sr. *a* 65 V.
Coffin, W. S., Fr. *a* 379 WH.
Cogswell, H. B., Jr. *a* 151 F.
Cogswell, L., So. *a* 417 B.
Cohane, J. J., Jr. *m* 27 Haven st.
Cohane, T. F., Sr. *m* 276 Wallace st.
Coit, A., Sr. *s* 65 W. D.
Coit, R. M., So. *a* 391 B.
Colcord, R. E., Jr. *a* 151 F.
Colgan, J. P., 1 *m* 118 Ashmun st.
Colgate, C., Sr. *s* 133 College st.
Collins, E. D., *g* 61 Garden st.
Colp, D. G., Jr. *d* 46 E. D.
Colston, G. A., Jr. *a* 530 P.
Colton, M. A., Jr. *a* 93 S. M.
Colvocoresses, G. M., Fr. *a* 1180 Chapel st.
Colwell, H. C., So. *a* 590 P.
Comley, W. H., Sr. *a* 132 F.
Comstock, A. B., Spec. *l* Bridgeport
Comstock, E. H., Sr. *a* 305 W.
*Comstock, W. J., Instr.* 43 Trumbull st.
Conant, C. E., Fr. *s* 387 Temple st.
Congdon, E., Fr. *a* 427 Temple st.
Conklin, W. E., *g* 9 Vernon st.
Conkling, P. E., *t* Naugatuck
Conner, C. H., So. *a* 358 WH.
Conner, N. G., Fr. *a* 22 Trumbull st.
Conner, W. B., So. *a* 358 WH.

Connor, T. M., Sr. *a* 819 Chapel st.
Connor, W. T., Jr. *l* 314 George st.
Conrey, H. M., *g* 276 Orange st.
Converse, J. C., Sr. *a* 348 WH.
Conway, C. C., Fr. *s* 407 Temple st.
*Cook, A. S., Prof.* (135 Elm st.) 219 Bishop st.
Cook, F. C., Fr. *a* 117 Elm st.
Cook, L. A., Fr. *a* 22 V.
Cooke, C. H., Jr. *s* 43 College st.
Cooke, C. M., Sr. *a* 64 V.
Cooke, J. A., Sr. *m* 121 York st.
Cooke, W. G., Sr. *a* 266 L.
Coolidge, L., Sr. *d* 25 E. D.
Coombs, G. M., Grad. *l* 193 Whalley av.
Coombs, J. E., *t* 37 Pleasant st.
Cooney, W. J., So. *a* 107 Greene st.
Coonley, F., 1 *m* 333 York st.
Cooper, A. W., Sr. *a* 228 D.
Cooper, G. L., *t* 105 Atwater st.
Corbett, T. J., 1 *m* 525 East st.
Corbin, A. L., *g* 78 Dwight st.
Corbin, W. L., *g* 85 W. D.
Corcoran, M. E., *t* Waterbury
Corlies, A., Sr. *s* 133 College st.
Cornell, F., Fr. *s* 59 Wall st.
Corwin, A. F., Fr. *s* 347 Crown st.
Corwin, B. F., Sr. *m* 347 Crown st.
*Corwin, R. N., Instr.* 333 Crown st.
Costello, P. V., 1 *m* 214 Franklin st.
Coughlin, W. J., Jr. *l* Middletown
Cowan, G. S., Jr. *a* 287 W.
Cowdrey, N. H., Jr. *a* 57 V.
Cowdrey, W. T., Sr. *a* 209 D.
Cowles, E. V., *f* 384 Crown st.
Cowles, J. D., Jr. *l* 92 Ward st.
Cowles, M. L., *f* 384 Crown st.
Cox, W. O. D., Sr. *s* 131 Grove st.
Craig, G. M., *f* 16 Gill st.
Craig, H. H., Fr. *a* 146 College st.
Cram, G. E., Sr. *s* 250 York st.
Cramer, M. E., *t* Portland
Crampton, F., Fr. *a* 1076 Chapel st.
Crandall, R. E., So. *a* 166 York st.
Crane, J. T., Jr. *a* 135 F.
Crane, O. G., Sr. *s* 44 Elm st.
Crane, Z. M., Fr. *a* 22 College st.
Crawford, C. M., Fr. *a* 33 Wall st.
Crawford, F. T., Fr. *a* 120 York st.
Creager, J. O., Sr. *a* 276 Orange st.
*Creelman, H., Instr.* 183 Lawrence st.
Cressy, M. S., Fr. *a* 47 Lake pl.
Cristy, J. C., Sr. *s* 120 College st.
Crittenden, W. E., Fr. *a* 104 Howe st.
Cronan, R. J., *t* 17 Compton st.
Crosby, F. M., Sr. *a* 19 V.
Crosby, R. M., Jr. *a* 372 WH.
Cross, F., Fr. *a* 448 Washington st.
Cross, J. W., Fr. *a* 203 York st.
*Cross, W. L., Instr.* 430 Temple st.
Crossley, H. D., *t* 310 Exchange st.
Crouse, G. N., Fr. *s* 407 Temple st.
Crouse, G. W., Fr. *a* 170 York st.
Crowell, R. H., Jr. *a* 23 V.
Cruttenden, W. B., Grad. *l* East River
Culler, D. F., *g* 563 Howard av.
Culver, E. S., *t* 59 Atwater st.
Cumings, R. H., Jr. *s* 86 W. D.
Cummings, F. I., *mus.* Plantsville
Cunningham, C. W., Jr. *s* 133 College st.
*Cuntz, J. H., Ass't.* 90 High st.
Curran, H. H., Jr. *a* 377 WH.
Currier, R. D., Fr. *a* 251 Crown st.
*Curry, S. S., Instr.* 12 E. D.
*Curtis, E. L., Prof.* (12 E. D.) 61 Trumbull st.
Curtis, F. B., Sr. *a* 303 W.
Curtis, M. G., Sr. *a* 27 V.
Curtiss, W. E., So. *a* 1076 Chapel st.
Cushman, W. D., So. *a* 22 College st.
Cutler, A. A., *g* 284 Orange st.
Cutler, E. E., *g* 284 Orange st.
Cutten, G. B., Sr. *a* 46 Foster st.
Cutter, W. D., So. *a* 159 Elm st.
*Daggett, L. M., Instr.* (42 Church st.) 77 Grove st.
Dallam, J. C., Fr. *s* 110 Wall st.
*Dana, E. S., Prof.* (4 M.) 119 Grove st.
Dana, J. D., Fr. *a* 548 P.
Dane, C. L., Sr. *l* 159 Elm st.
Daniels, M. L., *t* 34 Gill st.
Danielson, B. W., Sr. *l* 391 George st.
Dann, P. N., Fr. *s* 539 Orange st.
Darling, G. E., Sr. *l* 250 York st.
Darling, R., So. *a* 344 WH.
Darlington, C. L., So. *a* 114 N.
Darlington, H. S., Sr. *l* 1044 Chapel st,
Darrach, W., Sr. *a* 355 WH.
Dashiell, P. T., Fr. *s* 24 High st.
Dautel, G., So. *a* 1076 Chapel st.
Davenport, W. E., So. *a* 58 Dixwell av.
Davidson, E. E., Fr. *a* 583 P.
Davidson, W. W., *g* 343 George st.
Davies, A. E., *g* 105 Humphrey st.

Davies, F. M., So. *a* 551 P.
*Davies, H., Lecturer* 32 Asylum st.
Davis, A. W., So. *a* 310 W.
Davis, De W., Jr. *a* 327 W.
Davis, F. F., Jr. *s* 36 Elm st.
Davis, H. L., Fr. *s* 149 College st.
Davis, J. E., Fr. *a* 22 College st.
Davis, J. L., Sr. *a* 386 B.
Davis, S. B., Sr. *l* 62 W. D.
Davis, S. H., Res. lic. *d* 74 W. D.
Davis, S. L., *t* 295 Columbus av.
Davis, T. B., Sr. *s* 22 College st.
Davis, W., Sr. *a* 175 F.
*Day, A. L. Instr.* (Sloane Lab.) 25 High st.
Day, D. H., So. *a* 378 WH.
Day, E., Jr. *d* 54 E. D.
*Day, G. E., Prof.* 125 College st.
Day, G. P., Sr. *a* 36 V.
Day, J., Fr. *a* 329 W.
Day, O. A., Fr. *s* 310 York st.
Day, R. S., *g* 61 W. D.
Day, S. S., Jr. *s* 108 High st.
Dean, L. M., *g* Bridgeport
Dean, S. B., Fr. *a* 570 P.
Dean, W. B., Sr. *s* 36 Elm st.
Deane, J. P., Mid. *d* 95 W. D.
DeBuys, R. E., Sr. *s* 124 Wall st.
DeCamp, C. B., Sr. *a* 306 W.
Decrow, J. W., Fr. *a* 149 F.
DeForest, E. M., *t* 45 Atwater st.
deForest, H. L., Sr. *a* 40 V.
DeForest, L., *g* 387 Temple st.
*DeForest, L. S., Prof.* 54 Wall st.
Delano, M., Jr. *a* 69 V.
Delano, R. L., Fr. *a* 333 York st.
Delmas, R., Jr. *m* 845 Grand av.
Deming, D. B., Sr. *s* 36 Elm st.
Dennis, H. R., So. *a* 87 S. M.
Dewell, J. D., Grad. *l* 153 Church st.
Dewey, H. M., So. *a* 22 College st.
Dewing, H. E., Fr. *s* 130 Wall st.
*Dexter, F. B., Sec'y.* (Libr.) 178 Prospect st.
Deyo, C. D., Fr. *a* 120 High st.
Dickerman, E. S., *g* 15 Lake pl.
Dickerman, S. O., *g* 15 Lake pl.
Dillon, S., Fr. *s* 99 Wall st.
Docker, G. P., Fr. *s* 393 Temple st.
Dodd, F. C., Sr. *a* 277 L.
Dodd, L. W., Fr. *s* 248 York st.
Dodd, R. L., Fr. *a* 96 S. M.
Dodge, C. P., So. *a* 22 College st.
Dodge, M. J., Jr. *a* 69 V.
Dodge, M. W., So. *a* 563 P.
Dominick, W. F., Jr. *a* 367 WH.
Doniphan, J. V., So. *a* 116 W. D.
Donnelly, R. J., Fr. *s* 227 Crown st.
Doohan, D. P., Fr. *s* 193 Prospect st.
Dore, D. J., 1 *m* 21 Lyon st.
Doud, C. H., Sr. *a* 236 D.
Doughty, G. W., Sr. *a* 119 Wall st.
Douglas, D., Sr. *s* 310 Elm st.
Douglas, M., Fr. *a* 120 York st.
Douglass, R. G. D., Jr. *a* 51 V.
Dow, H. A., Fr. *a* 231 York st.
Dowden, T. B., Jr. *m* 109 Wall st.
Dowell, O. H., Jr. *s* 99 Wall st.
Downes, M. T., Sr. *a* Wallingford
Downey, C. J., 1 *m* 558 Grand av.
Downey, J. I., Sr. *s* 22 College st.
Downs, E. S., Jr. *a* 281 L.
Doyle, C. F., So. *a* 416 B.
Drake, F. E., Fr. *s* 393 Temple st.
Drake, G. S., Sr. *a* 44 V.
Drake, J. P., Jr. *s* 150 Grove st.
Draper, A. J., Sr. *a* 335 WH.
Draper, C. H., Fr. *a* 7 Library st.
Drew, A. C., Sr. *s* 313 York st.
Drew, D. C., Fr. *a* 82 Whalley av.
Drown, W. N., Jr. *l* 119 Wall st.
Drummond, C. R., Fr. *s* 110 Wall st.
Drummond, E. J., Jr. *s* 90 Wall st.
*DuBois, A. J., Prof.* (129 WINCH.) 258 Bradley st.
DuBois, E. P., *t* 144 Wooster st.
Dubuque, A. Y., So. *a* 107 York st.
Dudley, G. N., *mus.* Bridgeport
Dudley, P. E., Jr. *a* 212 D.
Dulany, G. W., Jr. *s* 125 High st.
Duncan, G., Fr. *a* 250 York st.
*Duncan, G. M., Prof.* 175 Edwards st.
Duncan, S., *g* 91 W. D.
Duncanson, J. C., *g* 701 Chapel st.
Duncklee, G. W., Jr. *l* 37 Lake pl.
Dundon, A. H., Jr. *m* 1016 Chapel st.
Dunleavy, J. J., 1 *m* 14 St. John st.
Dunn, J. J., *g* 921 Grand av.
Dunn, R. L., Fr. *s* 267 Orange st.
*Dunning, H. W., Ass't.* 322 Orchard st.
Durbin, L. J., So. *a* 1010 Chapel st.
Durfee, E. L., *g* 19 Lynwood st.
Durgy, C., *f* 118 Dwight st.
Durham, P. T., Mid. *d* 47 E. D.
Durston, A. H., Fr. *s* 413 Temple st.
Dustin, G. K., Fr. *s* 250 York st.
*Dwight, T., Pres.* (7 TR.) 126 College st.
Dyer, R. F., Jr. *s* 103 Wall st.

Eames, M. D.,So. *a* 555 P.
Easterbrook, R. T., Fr. *s* 82 York sq.
Eaton, E. D., Fr. *a* 373 Crown st.
Eaton, G. F., *g* 70 Sachem st.
Eaton, F. W., Fr. *a* 297 Crown st.
Eble, R. A., Fr. *a* 126 High st.
Eby, B. F., Sr. *a* 228 D.
Eddy, D. B., Jr. *a* 261 L.
Eddy, D. L., Jr. *a* 261 L.
Eddy, E. M., Fr. *s* 413 Temple st.
Edgerton, J. W., *g* Middletown
Edwards, C. P., 2 *m* 119 Wall st.
Edwards, E. A., Sr. *s* 36 Elm st.
Edwards, G. H., Sr. *s* 57 Prospect st.
Edwards, G. N., Jr. *d* 106 W. D.
Edwards, S. W., Fr. *a* 57 Prospect st.
Eggleston, E. P., Fr. *a* 333 York st.
Ehrich, M. W., Jr. *a* 220 D.
Ehrich, W. L., Fr. *s* 425 Temple st.
*Elcock, H. A., Ass't.* 226 Crown st.
Eldridge, J. G., *g* 348 Orange st.
*Elkin, W. L., Astron.* 477 Prospect st.
Elkins, S. B., Fr. *a* 155 Elm st.
Ellerbe, C. P., Fr. *a* 250 York st.
Elliott, J., Sr. *l* 219 York st.
Ellis, E. C., Jr. *l* 22 College st.
Ellis, G., Jr. *a* 34 V.
Ellis, G. B., Fr. *a* 75 Broadway
Ellsbree, E. C., Fr. *a* Meriden
Ellsworth, H. E., Fr. *a* 265 L.
Elson, L., *g* 79 Pearl st.
Ely, A. E., Fr. *a* 53 Lake pl.
Ely, F. J., Sr. *s* 43 College st.
Ely, M. U., Jr. *a* 226 D.
Ely, R. F., Sr. *a* 304 W.
Emerson, E. O., Jr. *a* 34 V.
Emmons, F. L., Sr. *a* 73 S. M.
England, A. S., 2 *m* 138 York st.
English, R. M., Jr. *m* 226 Greenwich av.
Ensign, S. L., *g* 16 York sq.
Entrekin, J. C., So. *a* 7 Library st.
Erving, W. G., Jr. *a* 352 WH.
Estee, O. D., Fr. *a* 418 B.
Eustis, A. C., Jr. *s* 124 Wall st.
*Evans, A. W., Instr.* (18 S. H.) 2 Hillhouse av.
Evans, B. H., So. *a* 278 L.
Evans, C. S., Sr. *a* 236 D.
Evans, D. H., Sr. *d* 14 E. D.
Evans, E., *g* 73 Howe st.
Evans, E. R., Jr. *d* 85 W. D.
Evans, J. L., So. *a* 393 B.
Evans, R. L., Jr. *a* 369 WH.
Evans, S. H., *t* 32 Trumbull st.
Evans, T. M., Jr. *a* 60 V.
Everett, B., So. *a* 1010 Chapel st.
Everett, W. E., So. *a* 412 B.
Ewell, A. W., Sr. *a* 105 N.
Ewell, J. L., Sr. *a* 105 N.
Fackler, E. B., Fr. *a* 577 P.
Fair, C. M., So. *a* 309 W.
*Fairbanks, A., Instr.* (118 N.) 77 Elm st.
Fallon, F. B., So. *a* 58 Dixwell av.
Fankhauser, C. K., Grad. *d* 121 Dwight st.
Faris, M. B., Sr. *a* 15 V.
Farley, E. F., Fr. *a* Derby
Farley, J. A., So. *a* 111 N.
Farnam, G. B., Sr. *a* 166 F.
*Farnam, H. W., Prof.* 43 Hillhouse av.
Farnam, T. W., So. *a* 129 F.
*Farnam, W. W., Treas.* (5 TR.) 335 Prospect st.
Farnham, B W, Sr *s* 12 University pl.
Farnsworth, C. R., Sr. *s* 357 Orange st.
Farnsworth, F. P., Sr. *l* 357 Orange st.
Farr, C. E., Jr. *a* 169 F.
Farr, H. A., *g* Jena, Germany
Fassett, F. J., Jr. *a* 161 F.
Fearey, M L., Jr. *a* 354 WH.
Fearey, M. S., Jr. *a* 354 WH.
Feely, J. J., Sr. *l* 85 Olive st.
Fenton, H. J., So. *a* 205 Crown st.
Fergus, R. C., Grad. *l* 80 Bristol st.
Ferguson, J. S., Fr. *a* 248 York st.
Ferguson, R., Fr. *a* 363 WH.
Ferrey, F. G., Jr. *s* 104 Wall st.
Ferrin, A. W., Sr. *a* 15 V.
*Ferris, H. B., Prof.* 317 Crown st.
Ferris, S. J., Sr. *m* 192 Davenport av.
Ferris, W. C., Mid. *d* 37 E. D.
Ferris, W. H., *g* 87 Eaton st.
Ferry, F. F., Fr. *a* 242 York st.
Ferry, G. J., Sr *a* 134 F.
Ferry, N. S., Jr. *s* 350 Elm st.
Fewsmith, J. L., Jr. *a* 273 L.
Field, C. W., 1 *m* 1157 Chapel st.
Field, G. W., So. *a* 109 N.
Field, H. M., Fr. *a* 1044 Chapel st.
Field, T. J., Jr. *l* 22 College st.
Field, W. H., So. *a* 378 WH.
Fifield, A. B., *t* 442 George st.
Fincke, C. M., Sr. *a* 178 LYC.
Finley, J. H., Fr. *s* 57 Prospect st.
Fisher, C. E., So. *a* 82 Whalley av.
*Fisher, G. P., Prof.* (9 E. D.) 27 Hillhouse av.

Fisher, H. M., Sr. *a* 84 Lyon st.
Fisher, H. W., Jr. *a* 164 F.
*Fisher, I., Ass't. Prof.* 460 Prospect st.
Fisher, I. L., Fr. *a* 121 N.
Fisher, L. G., Sr. *a* 334 WH.
Fisher, M. B., Sr. *d* 42 E. D.
Fisher, T. R., Jr. *s* 111 Grove st.
Fiske, J. M., Fr. *s* 39 College st.
Fitch, A. P., Jr. *a* 11 V.
Fitch, L., Jr. *s* 88 Wall st.
Fite, E. D., Sr. *a* 138 F.
Fitzgerald, T. F., Sr. *a* 97 N.
Flaherty, M., Jr. *l* 251 Crown st.
Flanagan, M. J., Jr. *l* Bridgeport
Flannery, W. J., 1 *m* New Britain
Fleetwood, M. S., *t* 12 Trumbull st.
*Fleischner, H., Lect'r.* 928 Grand av.
Fletcher, H., Jr. *a* 349 WH.
Flinn, G. H., Sr. *s* 111 Grove st.
Flint, R. P., Fr. *s* 411 Temple st.
Flint, W. R., Jr. *a* 116 N.
Flynn, J. F., So. *a* 281 Crown st.
*Foote, C. J., Demonstrator* 305 Howard av.
*Foote, H. W., Ass't.* 162 S. L.
Foote, M., *f* 67 Mansfield st.
Forbes, H. deB., Fr. *s* 339 Orange st.
Forbes, M. E., *t* East Haven
Ford, A. G., *t* 768 Whalley av.
Ford, W. B., Jr. *l* 42 Trumbull st.
Ford, W. E., Fr. *s* 16 Lynwood st.
Forman, J. M., Jr. *a* 317 W.
Forrest, R. E., So. *a* 535 P.
Foster, D., 2 *m* 19 Sylvan av.
Foster, J. H., Fr. *a* 1161 Chapel st.
*Foster, J. P. C., Instr.* 109 College st.
Foster, M. C., *f* 109 College st.
*Foster, R., Lecturer* N. Y. City
*Foster, W. F., Instr.* 137 Wall st.
Fouse, G. C., Jr. *l* 411 Temple st.
Fowler, C. J., Jr. *a* 364 WH.
Fowler, C. R., So. *a* 108 Humphrey st.
Fowler, F. H. B., Fr. *s* 108 Humphrey st.
Fowler, N., Fr. *s* 313 York st.
Fowler, W. C., Fr. *a* 76 Howe st.
Fox, A. G., Fr. *a* 381 WH.
*Fox, G. L., Lecturer* 7 College st.
Francis, D. R., Fr. *a* 238 York st.
Francis, J. D. P., Sr. *s* 22 College st.
Franey, F. J., So. *a* 121 Orchard st.
Frank, L., Fr. *a* 159 York st.
Franklin, T. E., Fr. *a* 215 D.
Fraser, A. E., Mid. *d* 49 E. D.
Frazer, C. R., So. *a* 293 York st.
Frederick, C. H., Fr. *a* 205 Crown st.
Freeborn, C. J., Fr. *s* 110 Wall st.
Freeland, E. L., Jr. *s* 111 Grove st.
Freeman, G. H., Sr. *s* 407 Temple st.
French, D. E., Fr. *a* 238 York st.
French, J. R., *t* 225 Bishop st.
French, S. B., Sr. *l* 314 Crown st.
French, W. P., Sr. *s* 111 Grove st.
Frey, J. L., Sr. *l* 99 Howe st.
Friberg, O. P., Jr. *l* 333 York st.
Fuller, A., Jr. *l* 117 Wall st.
Fuller, C. A., Jr. *l* 145 Olive st.
Fuller, H. B., Fr. *a* 22 Lynwood st.
Fuller, J. H., Jr. *a* 116 N.
Fuller, L. P., So. *a* 163 York st.
Fuller, R. N., 1 *m* 59 Kensington st.
Furbush, A. C., Sr. *a* 106 N.
Gaffney, C. J., Sr. *s* W. Haven
Gaffney, M. A. I., *t* New Britain
Gage, C. B., Jr. *a* 154 F.
*Gager, E. B., Instr.* Birmingham
Gaines, D. H., Fr. *s* 1076 Chapel st.
Gaines, F. W., Jr. *l* 333 York st.
Gaines, J. M., *g* 529 P.
Gaines, M. W., Jr. *a* 164 F.
Galbraith, M. I., *t* 21 Hamilton st.
Gale, A. S., So. *a* 75 S. M.
Gales, W. S., Jr. *a* 238 D.
Gallagher, B., *f* 13 University pl.
Gallagher, M. L., *mus.* 13 University pl.
Gallaudet, H. D., Jr. *a* 256 L.
Gallup, C. M., Sr. *s* 57 Prospect st.
Galt, A. T., Jr. *a* 264 L.
Gardner, C. A., *t* Portland
Garneau, H. C., *g* 46 College st.
Garrison, E. E., Sr. *a* 180 LYC.
Garrison, R. T., Jr. *a* 331 WH.
Garvan, F. P., Sr. *a* 183 LYC.
Gates, M. H., So. *a* 1076 Chapel st.
Gause, F. T., Jr. *s* 88 Wall st.
Gause, H. C., Fr. *s* 86 Wall st.
Gavin, M., Sr. *l* 15 E. D.
Gay, R. H., Jr. *a* 340 WH.
Gehrmann, C. F., Jr. *a* 201 D.
Gerard, J., *t* Meriden
Gerard, J. M., Sr. *s* 133 College st.
Gerard, S. K., Sr. *a* 179 LYC.
Gerhard, J. R., Sr. *a* 356 WH.
*Gibbs, J. W., Prof.* (Sloane Lab.) 121 High st.
Gibson, G. J., Sr. *l* 38 Elm st.
Gibson, W. F., Jr. *s* 22 College st.
*Gies, W. J., Ass't.* 2 Hillhouse av.

Gilbert, C. C., Grad. *l* 156 Humphrey st.
Gilbert, F. M., Jr. *a* 63 V.
*Gilbert, H. C., Ass't.* (Libr.) 22 Whalley av.
Gilbert, S. D., Grad. *l* 1157 Chapel st.
Gile, A. L., Fr. *a* 192 York st.
Gillespie, D. H. M., Jr. *a* 268 L.
Gillespie, H. L., Fr. *s* 393 Temple st.
Gillespie, T. H., Sr. *s* 111 Grove st.
Gillespie, W. F., Fr. *a* 62 Lake pl.
Gillet, L. A., Fr. *s* 62 Lake pl.
Gillett, C. W., Spec. *s* 88 Wall st.
Gillette, C., Sr. *a* 335 WH.
Gillette, G. W. F., *g* 9 Eld st.
Gilman, S., So. *a* 7 Library st.
Gilmore, R. C., Sr. *a* 338 WH.
Gilmore, S. A., So. *a* 281 Crown st.
Gilson, J. L., So. *a* 162 F.
Gladding, F. W., Fr. *a* 90 Whalley av.
Gladwin, L. A., *f* 140 Exchange st.
Glaenzer, R. B., Jr. *a* 238 D.
Gleason, C. J., Fr. *a* 19 Sylvan av.
Gleason, J. E., Fr. *a* 20 Whalley av.
Glendinning, M., So. *a* 274 L.
Glenny, L. C., Fr. *s* 395 Temple st.
Gloth, C. F., Sr. *a* 155 F.
Godchaux, E., Jr. *l* 119 Wall st.
Godchaux, W., Jr. *a* 35 V.
Goldbaum, P. H., Sr. *l* 220 Cedar st.
Goldsmith, O., Jr. *a* 312 W.
*Gooch, F. A., Prof.* (Kent Lab.) 388 Whitney av.
Goodbody, M., Sr. *s* 22 College st.
*Goodell, T. D., Prof.* 284 Orange st.
Goodman, C. E., Jr. *a* 201 D.
Goodman, J. H., Fr. *s* 11 Home pl.
Goodwin, A. S., Fr. *a* 1076 Chapel st.
Goodwin, B., Fr. *s* 114 High st.
Goodwin, C. A., Jr. *a* 331 WH.
Goodwin, W. L., Sr. *a* 29 V.
Goodyear, A. C., So. *a* 593 P.
Gordon, G. D., Jr. *s* 133 College st.
Gorham, C., *t* 172 Olive st.
Gorham, F. A., So. *a* 295 W.
Gorham, M. C., *t* 15 Warren st.
Gorham, N. T., Jr. *l* Highwood
Goss, H. E., Fr. *a* 360 WH.
Gould, R. H., Jr. *a* 212 D.
Gould, W. H., Sr. *s* 131 Grove st.
Goulding, P. S., Jr. *a* 83 S. M.
Grace, P. W., Jr. *s* 124 Wall st.
Grady, M. K., Spec. *m* 23 Pearl st.
Graff, R. M., Fr. *s* 391 Temple st.
Granger, L. G., Sr. *l* 197 Dixwell av.
Grant, E. J., Fr. *s* 248 York st.
Grant, J. F., Jr. *s* 141 College st.
Grant, R. F., Fr. *s* 389 Temple st.
Grant, R. J., Sr. *s* 131 Grove st.
*Granville, W. A., Instr.* (46 N. H. S.) 487 Orange st.
Graves, A. H., Fr. *a* 41 High st.
Graves, G. D., So. *a* 250 L.
Graves, R. S., Sr. *m* 101 Grove st.
Gray, H., Fr. *a* 126 N.
Grece, P. W., Jr. *a* 81 S. M.
Green, Geo., Fr. *a* 99 Howe st.
*Green, Gervase, Lecturer* 136 Sherman av.
Greene, C. A., So. *a* 98 N.
Greene, C. D., Jr. *s* 17 Lake pl.
Greene, E. B., Fr. *a* 567 P.
Greene, E. C., Fr. *a* 20 Whalley av.
Greene, J. W., So. *a* 92 S. M.
Greene, L. F., So. *a* 1044 Chapel st.
Greenleaf, J. C., Fr. *s* 133 College st.
Greenspun, J. G., Sr. *l* 504 Chapel st.
Greenway, G. C., Jr. *s* 131 Grove st.
Greenway, J. C., Fr. *a* 120 York st.
*Gregory, H. E., Ass't.* 74 Lake pl.
Gregory, J. L., Sr. *s* 8 Prospect pl.
Gregory, W. S., Fr. *s* 13 Lake pl.
Gridley, J. S., *mus.* Southington
Griffin, C. V., 1 *m* 57 Prospect st.
Griffin, N. L., 1 *m* 19 Sylvan av.
Griffith, H. W., Sr. *l* 527 P.
Griffith, W. F. R., Sr. *s* 117 Wall st.
Griggs, J. B., Sr. *m* 1016 Chapel st.
Griggs, L. A., *t* 381 George st.
Grimm, E. E., Jr. *l* 168 York st.
Grippin, W. J., Sr. *s* 117 Wall st.
Griswold, M., *g* A.
Griswold, W. E. S., So. *a* 380 WH.
Groeber, L. F., *mus.* Meriden
Gross, C. W., Jr. *a* 63 V.
Groves, M., So. *a* 313 York st.
Grubb, P. R., Fr. *a* 313 York st.
*Gruener, G., Ass't. Prof.* (276 L.) 522 Howard av.
*Gruener, H. R., Ass't.* (LIBR.) 522 Howard av.
Gudgell, F. O., Sr. *l* 9 Library st.
Guggenheimer, H. R., So. *a* 1044 Chapel st.
Guilford, D., Fr. *s* 135 College st.
Guilshan, J. J., Jr. *m* 63 Prospect st.
Guthrie, G., *g* 1157 Chapel st.
Guthrie, K. O., So. *a* 250 Crown st.
Guthrie, V. H., Fr. *s* 387 Temple st.
Hackett, H. H., Fr. *a* 24 High st.

Hackett, W. H., *g* 143 West st.
*Hadley, A. T., Prof.* 93 Whitney av.
Haesche, W. E., *mus* 246 Atwater st.
Hague, I. A., *t* 65 Clark st.
Haigazian, A. H., Grad. *d* 28 E. D.
Haines, A. H., Sr. *d* 14 Baldwin pl.
Halbert, C. W., Sr. *l* 68 W. D.
Halbert, H. T., Sr. *l* 68 W. D.
Hale, E., Jr. *a* 49 V.
Hale, F. E., Fr. *a* 47 Lake pl.
Hale, W. B., Jr. *a* 575 P.
Hall, A. B., So. *a* 173 F.
Hall, A. M., Sr. *d* 108 W. D.
Hall, C. H., Sr. *s* 99 Howe st.
Hall, C. M., Fr. *s* 395 Temple st.
Hall, F. G., Fr. *s* 210 St. Ronan st.
Hall, F. J., So. *a* 109 N.
Hall, G. R., Fr. *s* 425 Temple st.
Hall, J. A., Sr. *s* 38 Lynwood st.
Hall, J. B., Sr. *s* 6 E. D.
Hall, J. L., Grad. *l* 23 Hillhouse av.
Hall, L. W., Jr. *s* 1 Hillhouse av.
Hall, T. H., Fr. *s* 101 Wall st.
Hallock, A. D., *t* Bridgeport
Hamilton, B., So. *a* 250 York st.
Hamilton, J. A., Jr. *a* 16 V.
Hamilton, R. D., Sr. *a* 246 L.
Hamilton, T., Jr. *a* 274 L.
Hamlin, Alfred S., Jr. *s* 26 Howe st.
Hamlin, Arthur S., So. *a* 26 V.
Hamlin, E. F., 1 *m* 205 Crown st.
Hamlin, L. B., Sr. *s* 131 Grove st.
Hamlin, W. R., Fr. *a* 165 York st.
Hammer, J. H., *f* Branford
Hanford, G. A., Jr. *a* 413 B.
Hankey, P. Z., Sr. *l* 58 W. D.
Hanna, T. C., Jr. *d* Plantsville
Hannon, W. S., So. *a* 1076 Chapel st.
Hanover, B. B., *t* Bridgeport
Harding, W. H., Fr. *a* 1136 Chapel st.
Hare, D. M., So. *a* 536 P.
*Harger, J. C., Ass't.* (Libr.) 84 University pl.
Harkness, E. S., Sr. *a* 65 V.
Harmar, J., *g* A.
Harper, A., Jr. *s* 333 York st.
Harrington, A. T., Sr. *d* 83 W. D.
Harris, E. I., *g* 45 Lake pl.
*Harris, S., Prof.* (1 E. D.) 144 College st.
Harrison, A. C., Jr. *a* 376 WH.
Harrison, F. B., Fr. *s* 320 Whalley av.
Harström, C. A., *g* Norwalk
Hart, A. S., *t* 37 Howe st.
Hart, C. G., Fr. *s* 143 College st.
Hart, J. H., Jr. *a* 524 P.
Hart, W. A., Sr. *a* 13 V.
Hartshorn, W. M., Jr. *a* 264 L.
Hartwell, J. B., Fr. *a* 159 York st.
Harvey, B. S., Jr. *s* 90 Wall st.
Harvey, M. C., So. *a* 22 College st.
Harward, F. T., Sr. *l* 58 Park st.
*Haskell, W., Sup't.* (Reading Room) 96 Dwight st.
*Hastings, C. S., Prof.* (120 WINCH.). 248 Bradley st.
Hastings, H., Jr. *s* 135 Davenport av.
Hatch, H. A., Jr. *a* 55 V.
Hatcher, M. F., Sr. *l* 22 College st.
Hathaway, C. M., So. *a* 339 George st.
Havemeyer, F. C., Fr. *a* 330 W.
Havemeyer, H. O., Fr. *a* 330 W.
*Havens, F. S., Ass't.* (Kent Lab.) 427 Temple st.
Hawes, J. D., So. *a* 422 B.
Hawkes, H. E., *g* 61 Garden st.
Hawkins, C. B., Fr. *a* 205 Crown st.
Hawkins, C. J., Jr. *d* Woodward av.
Hawley, E. R., *mus.* Huntington
Hawley, S. M., So. *a* 129 F.
Hay, A. S., Jr. *a* 5 V.
Hay, C. E., So. *a* 272 L.
Haydock, G. S., Sr. *a* 402 B.
Hayes, A. P., Jr. *a* 83 S. M.
Hayes, P. H., Fr. *a* 76 Howe st.
Hazard, J. G., Fr. *s* 110 Wall st.
Hazen, J. J., Jr. *a* 226 D.
Hazlewood, C. W., *g* 132 College st.
Heaton, A., Sr. *s* 22 College st.
Hebard, D. L., Jr. *a* 35 V.
Heberlein, F. W., Mid. *d* 80 W. D.
Hecker, F. C., So. *a* 232 D.
Hecker, G. E., So. *a* 232 D.
Hedge, L. C., Fr. *a* 269 L.
Hedges, G. L., Jr. *l* 56 W. D.
Heermance, E. L., Sr. *a* 172 F.
*Heermance, T. W., Tutor* 83 Wall st.
Heery, F. P., Jr. *m* 80 Hamilton st,
Heffelfinger, C. E., Sr. *a* 332 WH.
Hefferan, T. W., Fr. *a* 84 Wall st.
Heinz, H. C., Fr. *a* 250 York st.
Heiskell, A. B., Fr. *a* 223 York st.
Hemenway, C. R., Sr. *a* 356 WH.
Henderson, I., So. *a* 110 N.
Henderson, J. M., Fr. *s* 7 Library st.
Henderson, Y., *g* 81 Wall st.

Hendrick, B. J., *g* 92 Clark st.
Hendrickson, C., *t* Bridgeport
Hennessey, J. F. J., Jr. *a* 641 State st.
Henry, B., Fr. *a* 537 P.
Henry, J. P., So. *a* 1044 Chapel st.
Henze, C. W., 1 *m* 131 West st.
Herr, H. T., Fr. *s* 379 Crown st.
Herrick, C. J., So. *a* 1044 Chapel st.
Herrity, J. E., Sr. *m* 102 Ward st.
Hess, J., Jr. *s* 36 Elm st.
Hess, W. M., *g* 67 W. D.
Hewitt, J. J., Sr. *s* 43 College st.
Hewitt, T. D., So. *a* 159 Elm st.
Hewitt, W. H. H., Sr. *a* 65 Dixwell av.
Hickey, J. J., Sr. *l* 22 College st.
Hickok, R. A., Sr. *s* 131 Grove st.
Higgins, E. W., Sr. *l* 149 College st.
Higgins, G. S., 1 *m* 554 Chapel st.
Higgins, J. J., Jr. *a* 569 Grand av.
Hill, B. F., Jr. *a* 276 Prospect st.
Hill, C. L., Sr. *l* 90 Whalley av.
Hill, Ebenezer, Sr. *a* 343 WH.
Hill, Ellen, *t* 37 Howe st.
Hill, E. B., Fr. *a* 541 P.
Hill, E. L., 1 *m* 19 Sylvan av.
Hill, R. F., Sr. *a* 97 N.
Hiller, A. M., Sr. *l* 117 College st.
Hilliard, W. E., So. *a* 59 Lake pl.
Hills, W. B., Fr. *a* 205 Crown st.
Hilton, J. R., Sr. *a* 182 LYC.
Hilton, R. H., Fr. *a* 242 York st.
Hinckley, B. B., Sr. *a* 112 N.
Hinckley, G. L., Fr. *a* 116 High st.
Hincks, H. W., Jr. *a* 63 V.
Hincks, R. S., Sr. *a* 347 WH.
Hine, A. H., Jr. *m* 121 York st.
Hine, C. P., Jr. *a* 202 D.
Hinkey, L., Sr. *a* 316 W.
Hinkle, E. F., So. *a* 535 P.
Hinkle, P., Sr. *a* 78 S. M.
Hinsdale, F. G., Jr. *a* 42 V.
Hitchcock, A. H., Sr. *a* 100 N.
Hitchcock, H. A., *f* 319 Crown st.
Hitchcock, J. L., Sr. *s* 120 High st.
Hitchcock, L., Jr. *a* 227 D.
Hitchcock, R., Sr. *s* 1076 Chapel st.
Hitt, M. E., *t* Bridgeport
Hitt, R. R., Jr. *a* 5 V.
Hobbs, N. W., Sr. *s* 126 Wall st.
Hochstadter, L. A., Fr. *a* 250 York st.
Hodgdon, E., *t* 56 Whalley av.
Hodge, W. C., So. *a* 521 P.
Hodges, A., Sr. *d* 18 E. D.
Hoffman, C. A. T., Sr. *a* 124 N.
Hoffman, E. A., Sr. *s* 289 York st.
Hoffman, H. L. M., Sr. *a* 156 F.
Hogan, W. J., Jr. *m* 163 York st.
Hogle, J. A., Fr. *s* 99 Wall st.
Holbrook, M. T., So. *a* 82 S. M.
*Holbrook, R. T., Tutor* 90 S. M.
Holcomb, F. A., Sr. *s* 570 Whitney av.
Holcombe, H. G., Sr. *a* 333 WH.
Holden, G. R., Sr. *a* 242 L.
Holden, R. W., Sr. *a* 257 L.
Holland, N. C., So. *a* 249 L.
Hollister, H. H., So. *a* 565 P.
Holme, P. H., Jr. *a* 238 D.
Holt, S., So. *a* 250 L.
Hooker, D. R., So. *a* 153 F.
Hooker, F. T., *g* 41 High st.
Hooker, R., So. *a* 235 D.
*Hopkins, E. W., Prof.* A.
Hopkins, H. L., Mid. *d* 45 E. D.
Hopkins, J. M., Fr. *a* 54 Garden st.
Hopkins, T. G., So. *a* 60 W. D.
Hopper, R. J., Fr. *s* 17 Lake pl.
*Hoppin, J. M., Prof.* (12 Art School) 47 Hillhouse av.
*Hopton, L. R., Ass't.* 13 Lake pl.
Horton, T. A., So. *a* 1044 Chapel st.
*Hotchkiss, F. E., Sup't.* (1 Tr.) 104 High st.
Hotze, F., So. *a* 408 B.
Housel, L. W., Sr. *a* 25 Home pl.
Houston, H., *t* 693 Elm st.
Howard, A. L., Sr. *m* 1016 Chapel st.
Howard, J. L., Jr. *s* 133 College st.
Howard, N. A., Jr. *s* 125 High st.
Howard, R. R., Jr. *s* 126 High st.
Howarth, H. A. S., Fr. *s* 34 Vernon st.
Howe, E., Jr. *a* 39 V.
Howell, H. R., Fr. *a* 120 Dwight st.
Howell, T. A., Fr. *a* 271 L.
Howes, A. T., *t* W. Hartford
Howes, C. H., Fr. *a* 305 George st.
Howes, E. T., Sr. *s* 110 Wall st.
Howland, M. S., Sr. *a* 120 N.
Hoyt, S. E., Sr. *s* 43 College st.
Hubbell, B., Sr. *a* 156 F.
Hubbell, G. W., Fr. *a* 1161 Chapel st.
Hubbell, W. S., Sr. *a* 64 V.
Hüpfel, A. G., Spec. *s* 36 Elm st.
Hughes, A. B., Sr. *l* 130 Forbes av.
Hughes, C. T., *t* 130 Forbes av.
Hughes, G., Sr. *a* 6 V.
Hughes, R., Mid. *d* 35 E. D.
Hughes, R. H., *g* 52 E. D.

Hulbert, G. H., Sr. *s* 53 Prospect st.
Hulbert, R., Jr. *m* 163 York st.
Hulseberg, F. W., Jr. *m* 276 Elm st.
Hulst, C. P., Fr. *a* 233 York st.
Hulst, H. T., Jr. *s* 135 College st.
Hume, E. H., Sr. *a* 112 N.
Hume, R. E., Jr. *a* 260 L.
Hume, R. S., Jr. *a* 10 V.
Humphrey, H. S., Sr. *s* 130 Wall st.
Humphreys, F. B., Fr. *s* 130 Wall st.
Humphreys, G. H., Jr. *s* 133 College st.
Humphreys, G. W., So. *a* 75 S. M.
Hungerford, H. E., Jr. *m* 249 Crown st.
Hunker, J. B. M., Fr. *s* 395 Temple st.
Hunn, F. S., Fr. *s* 91 George st.
Hunt, C. J., Sr. *a* 267 Orange st.
Hunt, H. T., Fr. *a* 9 Library st.
Hunt, J. L., *g* 232 York st.
Hunt, W. S., Fr. *a* 242 York st.
Hurlburt, A. S., Sr. *s* 145 College st.
*Hurlburt, E. B., Ass't.* 145 College st.
Hurst, J. H., Jr. *m* 58 Park st.
*Hutchins, A. E., Ass't.* LIBR.
Hutchins, G. P., So. *a* 71 W. D.
Hutchinson, R. E., Ft. *a* 139 Dwight st.
Huxford, F. W., Jr. *a* 28 V.
Hynes, T. V., 1 *m* S. Meriden
Ilfeld, L. C., Sr. *a* 392 B.
Ingate, F., 2 *m* 142 York st.
*Ingersoll, C. A., Ass't.* 24 Elm st.
*Ingersoll, J. W. D., Tutor* 399 B.
Ingham, H. M., Sr. *s* 117 Wall st.
Ingraham, E. R., Jr. *s* 103 Wall st.
Ives, C. E., Jr. *a* 76 S. M.
Ives, H. C., Jr. *s* 625 George st.
Ives, J. W., 1 *m* 88 Park st.
Jack, A. F., Fr. *a* 64 W. D.
Jackson, F. S., Jr. *l* 526 P.
Jackson, H. A., Jr. *l* 155 Elm st.
Jackson, H. B., Spec. *s* 333 York st.
*Jackson, H. C., Ass't.* 36 Elm st.
Jackson, J. R., Sr. *s* 43 College st.
Jackson, S. W., Jr. *a* 10 V.
Jackson, W. P., Jr. *a* 204 D.
Jahn, C. G., So. *a* 1044 Chapel st.
James, D. M., Jr. *l* 247 Prospect st.
James, T. M., Jr. *a* 66 V.
Jaquith, C. A., Jr, *d* 120 W. D.
Jay, J., Jr. *a* 245 L.
Jeffcott, R. C., Sr. *s* 204 Crown st.
Jeffery, J. C., Fr. *s* 99 Wall st.
Jeffrey, F. M., *g* 204 Grove st.
Jelke, W. F., Jr. *s* 113 Wall st.
Jenkins, H., Fr. *a* 90 Whalley av.
Jenkins, H. E., 1 *m* 333 York st.
Jenney, H. R., Fr. *a* 558 P.
Jennings, D. C., Fr. *a* 142 York st.
Jente, W. J. E., Sr. *a* 97 Bristol st.
*Jepson, H. B., Instr.* 52 Howe st.
Jepson, M. P., *g* 52 Howe st.
Jewett, R. S., Sr. *s* Bridgeport
Johnson, A. E., Sr. *d* 32 E. D.
Johnson, A. S., *t* 374 Grand av.
Johnson, B., Fr. *a* 540 P.
*Johnson, G. A., Ass't.* (LIBR.) 6 Baldwin pl.
Johnson, H.O., Fr. *a* 45 Edgewood av.
Johnson, J. E., Jr. *a* 96 S. M.
Johnson, L., Jr. *a* 37 V.
Johnson, O. M., Fr. *a* 584 P.
Johnson, P. A., Sr. *d* 17 E. D.
Johnson, S. F., Sr. *a* 247 L.
*Johnson, S. W., Prof.* 54 Trumbull st.
Johnson, T. B., Jr. *s* 6 E. D.
Johnson, W. B., Jr. *a* 352 WH.
Johnson, W. Savage, So. *a* 79 Wall st.
Johnson, W. Smythe, *g* 200 Grove st.
Johnson, W. Sterling, So. *a* 522 P.
Johnston, W. R., Sr. *l* 43 College st.
Jones, A. C., Jr. *d* 84 William st.
Jones, A. de T., Fr. *s* 77 Wall st.
Jones, A. E., So. *a* 159 York st.
Jones, A. H., Sr. *l* 124 Wall st.
Jones, C., Fr. *a* 47 Lake pl.
Jones, C. C., Jr. *a* 202 D.
Jones, E. C., *g* 84 William st.
Jones, E. O., So. *a* 550 P.
Jones, G. S., Sr. *l* 64 Lake pl.
*Jones, L. C., Ass't.* (Kent Lab.) 427 Temple st.
Jordan, C. E., So. *a* 254 L.
Jordan, M., *f* 233 Orchard st.
Jourdan, F. M., Fr. *s* 163 York st.
Judd, A. F., Sr. *a* 339 WH.
Judd, E. P., Jr. *l* 63 Olive st.
Judd, J. R., Sr. *a* 339 WH.
Judd, M. A., *t* 66 Nash st.
Judson, J. R., Jr. *a* 219 D.
Julin, C. E., So. *a* 128 N.
Jump, H. A., Jr. *d* 33 E. D.
Kane, G., Sr. *l* Bridgeport
Kane, M. T., Fr. *a* 62 Lake pl.
Kauffman, B. B., Sr. *a* 320 W.
Kauffman, H. M., Sr. *a* 299 W.
Keach, J. E., Fr. *a* 421 B.

Keane, W. C. P., Jr. *l* 121 Putnam st.
Kearful, F. J., Grad. *l* 343 George st.
Kearny, T., So. *a* 591 P.
Keator, H. M., Sr. *a* 336 WH.
Kedzie, A. S., *g* 101 Gregory st.
Keefe, M. J., 1 *m* 163 York st.
Keeler, R. B., Jr. *s* 261 Orange st.
Keeler, W. P., Sr. *a* Dwight Hall
Keener, R. H., So. *a* 63 Goffe st.
Keeney, R. G., Fr. *a* 381 WH.
Keller, A. G., *g* 579 P.
Kelley, P. D., Jr. *s* 130 Wall st.
Kelley, W. R., So. *a* 309 W.
Kellogg, C. A., Fr. *a* 1079 Chapel st.
Kellogg, D. M., Fr. *a* 155 Elm st.
*Kellogg, G. D., Ass't.* 572 P.
Kellogg, J., Fr. *s* 114 High st.
Kellogg, L. D., Jr. *a* 262 L.
Kellogg, M., So. *a* 58 V.
Kelsey, E. R., Sr. *a* 210 D.
Kelsey, H. W., *t* Westville
Kendall, C. N., *t* 21 Center st.
Kendall, E. G., *g* 62 Lake pl.
Kendall, J. M., *g* 62 Lake pl.
Kennedy, F., Fr. *a* 297 Crown st.
Kennedy, S. R., Jr. *a* 368 WH.
Kent, A. E., Sr. *a* 132 F.
Keogh, J., Sr. *l* E. Norwalk
Kernan, G. A., So. *a* 68 Whalley av.
Kernochan, F., Jr. *a* 12 V.
Kerr, A. B., Sr. *a* 347 WH.
Ketchum, E. P., Jr. *a* 384 B.
Kilborne, R. S., Sr. *s* 103 Wall st.
Kilbourn, C. L., Sr. *m* 20 Woolsey st.
Kilbourne, F. W., *g* Meriden
Kilbride, E., *t* 801 Orange st
Kilker, M. A., Sr. *l* 82 Whalley av.
Kimbley, F. R., Sr. *a* 318 W.
Kindle, E. M., *g* 45 Lake pl.
King, E. B., Jr. *a* 376 WH.
King, F. A., So. *a* 576 P.
King, J. M., *f* Branford
King, P. R., Jr. *s* 107 Wall st.
King, S., Sr. *a* 410 B.
Kingman, L. C., Fr. *a* 333 York st.
Kingsbury, G. O., Jr. *s* 89 Trumbull st.
Kingsbury, H. D., So. *a* 89 Trumbull st.
Kinne, G. B., *g* 78 Lake pl.
Kirby, R. S., *g* 317 Crown st.
Kirtland, A. H., So. *a* 134 College st.
*Kitchel, C. L., Instr.* 331 Temple st.
Kitchel, C. P., Sr. *a* 318 W.
Kitchen, J. H., So. *a* 82 Broadway
Kittle, A. I., Fr. *a* 542 P.
Klinedinst, D. P., Sr. *l* 78 Lake pl.
Kloss, C. F., *g* 62 Lake pl.
Klosterman, J. H., Fr. *a* 80 Broadway
*Knaebel, E., Ass't.* 343 George st.
*Knapp, H. H., Lecturer* Bridgeport
Knapp, S., Sr. *d* 87 W. D.
Kneeland, H. T., Sr. *a* 324 W.
Knight, F. A., Spec. *s* 120 High st.
Knight, H. S., *mus.* 32 Pearl st.
Knight, S. P., So. *a* 221 D.
Knight, W. W., Fr. *s* 413 Temple st.
Knox, I. G., Fr. *a* 155 Elm st.
Kochi, C., *g* 122 W. D.
Koehler, J. H., Jr. *a* 157 York st.
Konig, J. A., Sr. *s* 117 Park st.
Kountze, B. W., Sr. *s* 90 Wall st.
Kountze, H. D., Sr. *a* 24 V.
Kountze, L. L., Sr. *a* 24 V.
Kountze, W. D., So. *a* 551 P.
Kowalewski, V. A., So. *a* 86 2nd st.
Kraft, R. P., Fr. *s* 210 Orchard st.
Kraft, W. J., *mus.* 150 Oak st.
*Kreider, D. A., Instr.* (Sloane Lab.) 505 Elm st.
Kreider, W. H., Grad. *l* 363 Elm st.
Krementz, R., Jr. *s* 36 Elm st.
Kuehn, E. F., Fr. *s* 135 Wall st.
Kumler, P., Fr. *a* 562 P.
Lacroix, M., *g* 1176 Chapel st.
Ladd, G. E., Sr. *d* 140 Howe st.
*Ladd, G. T., Prof.* (275 L.) 204 Prospect st.
Lake, F. M., *f* 754 Orange st.
*Lamb, C. S., Ass't.* 10 Park st.
Lamb, R. S., Fr. *s* 116 College st.
Lambert, H., *mus.* 43 Whalley av.
Lamson, T., Spec. *s* 63 Grove st.
Lane, G. C., Sr. *s* 126 Wall st.
Lane, H. A., Sr. *s* 99 Howe st.
Lane, J. E., *g* Kent Lab.
*Lang, H. R., Prof.* 331 Temple st.
Langford, G., Sr. *s* 131 Grove st.
Langley, C., Fr. *s* 229 Blatchley av.
*Langzettel, G. H., Ass't.* (Art School) 725 Whitney av.
Lanphier, R. C., Sr. *s* 36 Elm st.
Lapham, H. G., Sr. *a* 348 WH.
Lapham, W. J., Sr. *a* 242 L.
Larson, J., *g* 149 St. John st.
Lathrop, M. E., *t* Derby
Lathrop, W. G., Res. lic. *d* North Haven
Latimer, F. P., Sr. *a* 371 WH.

Laughlin, T. M., Sr. *s* 133 College st.
Lawrence, A. W., Sr. *a* 1 V.
Lawrence, T. F., So. *a* 88 S. M.
Leahy, D. T., Jr. *a* 54 V.
Learned, E., So. *a* 222 D.
Leary, C. M., *t* Naugatuck
Leary, E., *t* Naugatuck
Leary, T. A., Fr. *a* 295 York st.
Leavenworth, C. S., Sr. *a* 75 Howe st.
Leavitt, A. D., Fr. *a* 92 Park st.
LeBoutillier, T., Fr. *s* 391 Temple st.
Leddy, H. T., Spec. *m* Mt. Carmel
Ledyard, A. C., Jr. *a* 373 WH.
Ledyard, H., Sr. *a* 50 V.
Lee, E. A., *t* 39 Pine st.
Lee, H. C., Jr. *s* 107 Wall st.
Lee, J. A., Sr. *m* 1010 Chapel st.
Lee, W. C., So. *a* 281 Crown st.
Leeds, E. F., Jr. *s* 43 College st.
Leffingwell, R. C., So. *a* 585 P.
Lehlbach, F. A., Jr. *a* 262 L.
Lehlbach, F. R., Sr. *a* 346 WH.
Lenfest, B. A., *g* 82 Dickerman st.
Leonard, C. P., So. *a* 276 Orange st.
Leonard, F. M., So. *a* 128 High st.
Lessig, O. B., So. *a* 286 W.
Lester, R. M., Sr. *s* 22 College st.
Letcher, W. R., Jr. *a* 113 N.
Letchworth, P. E., Jr. *s* 130 Wall st.
Letton, H. W., Sr. *s* 131 Grove st.
Levy, L. S., Jr. *a* 241 L.
Levy, S. S., Fr. *a* 241 L.
Lewis, A. I., Jr. *a* 374 WH.
*Lewis, C. M., Instr.* 213 D.
Lewis, D. M., Sr. *a* 119 N.
Lewis, E. H., So. *a* 395 B.
Lewis, E. T., So. *a* 71 W. D.
Lewis, J. G., *t* 438 George st.
Lewis, J. H., Sr. *a* 134 F.
Lewis, J. W., Sr. *l* Bridgeport
Lindenberg, F. H., Fr. *s* 389 Temple st.
Lindenberg, O. H., Fr. *s* 393 Temple st.
Lindley, W. P., Sr. *s* 285 York st.
*Lindsley, C. A., Prof.* 15 Elm st.
Lindsley, G., Sr. *a* 62 V.
Lindsley, V., Jr. *a* 48 V.
Lineaweaver, J. I., Sr. *a* 180 LYC.
Linsley, A., *t* 351 Quinnipiac st.
Lippincott, K. D., Fr. *a* 270 L.
Liscomb, P. C., Sr. *a* 308 W.
Littlejohn, P. D., Sr. *m* 64 Lake pl.
Livermore, J. R., Jr. *a* 33 V.
Livermore, M. C., *t* 91 Olive st.
Livingston, C., Jr. *s* 111 Grove st.
Lloyd, C. R., Fr. *s* 119 Wall st.
Lloyd, W. E., *g* 340 Elm st.
Lobdell, V. P., Fr. *a* 407 B.
Lockett, O., So. *a* 586 P.
Lockman, F. I., Fr. *a* 538 P.
Lockman, J. Q., Jr. *a* 345 WH.
*Lockwood, E. H., Instr.* 150 College st.
Lockwood, L. E., *g* 78 Dwight st.
Loeb, M. L., Sr. *m* 200 Franklin st.
Loewi, O., Jr. *a* 220 D.
Logan, H., Fr. *a* 231 York st.
Lombard, J. P., Fr. *a* 226 York st.
Lombardi, M. E., Fr. *a* 554 P.
Long, J. M., Fr. *a* 250 York st.
Loomis, J. S., Jr. *m* 276 Elm st.
Loomis, R. P., So. *a* 240 D.
Lord, F. A., Jr. *a* 258 L.
Lord, S. E., Sr. *d* 113 W. D.
Lorillard, L. L., Sr. *s* 133 College st.
*Lounsbury, T. R., Prof.* 22 Lincoln st.
Lounsbury, W. W., *g* 22 Lincoln st.
Loveland, A. E., Sr. *m* E. Grand av.
Loveland, E. K., Sr. *m* 555 Howard av.
Lovell, A. W., So. *a* 52½ Edwards st.
Lovell, G., Fr. *a* 1079 Chapel st.
Lovewell, B. E., *g* 56 Whalley av.
Low, W. G., Sr. *a* 53 V.
*Lowe, W. I., Instr.* 238 Whalley av.
Lowenberg, L., Sr. *s* 311 York st.
Lowndes, L., Sr. *l* 124 W. D.
Lowndes, W. B., Fr. *s* 1076 Chapel st.
Lowrie, A. R., So. *a* 222 D.
Luce, C. F., Fr. *a* 242 York st.
Luckey, F. R., *g* 191 Bradley st.
Lukens, P. B., Jr. *l* 146 College st.
Lum, B. B., Sr. *s* 19 Compton st.
Lum, M. J., *t* 39 Dwight st.
Lund, W. M., Sr. *s* 1016 Chapel st.
Luquiens, F. B., Sr. *a* 147 F.
*Luquiens, J., Prof.* (133 F.) 201 Bishop st.
*Lusk, G., Prof.* (28 Med. School) 28 Elm st.
Lusk, W. C., Sr. *s* 86 W. D.
Lyman, E. W., Jr. *d* 26 E. D.
Lyman, H. W., Fr. *a* 333 York st.
Lynch, E. W., Sr. *l* 20 Baldwin st.
Lynch, F. H., Sr. *d* 8 E. D.
Lynch, F. M., Sr. *a* 157 F.
Lyon, G. A., Fr. *a* 238 York st.
Lyons, H. C., *f* 261 Crown st.
Lyons, J. J., Jr. *s* 333 York st.
Mabee, G. J. W., Fr. *s* 124 Wall st.
McAllister, F. B., Jr. *d* 100 W. D.

McAnulty, J. S., Sr. *l* 261 Crown st.
MacArthur, M. F., *t* 85 Humphrey st.
McBride, M. L., Fr. *a* 568 P.
MacBride, T. P., Sr. *a* 9 V.
McCall, S. K., Sr. *l* 343 George st.
McCallum, G. B., Sr. *a* 18 V.
McCalmont, D. B., Sr. *s* 125 High st.
McCance, C. M., Sr. *a* 223 York st.
McCandless, H. D., Sr. *s* 107 Wall st.
McCandless, T., Fr. *a* 20 Clark st.
McCann, W. G., Sr. *a* 103 Park st.
McCarthy, D. J., Jr. *a* 1098 Chapel st.
McCartin, G. S., Fr. *a* 168 York st.
MacClave, F. C., Jr. *d* 21 E. D.
McConnell, W. J., Jr. *l* 168 York st.
McCormick, J. M., Fr. *a* 238 York st.
McCormick, R., Fr. *a* 333 York st.
McCormick, R. H., Fr. *a* 270 Crown st.
McCoy, F., Sr. *a* 58 V.
McCrea, F. A., Jr. *s* 114 High st.
McCullagh, E. A., Fr. *s* 110 Wall st.
McCutchen, W. M., Fr. *a* 333 York st.
*McDermott, H. E., Ass't.* 268 Orchard st.
McDermott, T. S., Jr. *m* 216 Congress av.
McDonald, T. D., Sr. *a* 402 B.
*McDonnell, R. A., Ass't.* 312 Elm st.
McDuffee, F. E., Jr. *l* 254 York st.
McDuffee, L. H., Fr. *a* 1079 Chapel st.
McEwen, L. C., Spec. *s* Seymour
McFarlan, G. S., Sr. *a* 405 B.
McFarland, B. W., *g* 420 Temple st.
Macfarland, C. S., Sr. *d* 23 E. D.
McFarland, J. S., Jr. *s* 117 Wall st.
McGee, R. A., Fr. *s* 105 Wall st.
McGouldrick, E. C., Fr. *a* 45 Edgewood av.
McGraw, T. A., Jr. *a* 367 WH.
MacGregor, J., Sr. *l* 57 W. D.
McGuire, F. J., Sr. *m* 244 Ferry st.
McIntosh, E. F., Sr. *m* 53 Lake pl.
McIntosh, M., *f* 19 Sylvan av.
McIntyre, J. E., Fr. *s* 170 Olive st.
McKell, J. D., Sr. *l* 124 W. D.
McKelvey, C. W., Fr. *a* 382 WH.
McKenzie, A. L., Fr. *a* 165 York st.
Mackey, W. C., Fr. *a* 226 York st.
McKim, L., Sr. *a* 324 W.
McKone, J. J., So. *a* 91 Lake pl.
McLane, T. S., Jr. *a* 39 V.
McLaren, G. S., Jr. *l* 56 W. D.
McLaren, J. H., Sr. *d* 118 W. D.
McLaren, J. L., Jr. *s* 113 Wall st.
McLauchlan, J. C., Jr. *a* 383 B.
MacLean, A., Fr. *a* 333 York st.
McLean, C. S., *t* Westville
McMahon, H. A., *f* Waterbury
McMaster, G. T., Sr. *m* 6 High st.
McMechen, G. W. F., Sr. *l* 1016 Chapel st.
McMillan, F. W., Sr. *s* 133 College st.
MacMillin, M. M., Fr. *s* 110 Wall st.
McNamee, D. V., Jr. *l* 157½ Congress av.
McNeille, J. R., Sr. *a* 72 S. M.
McQuaid, P. A., Jr. *a* 181 Orchard st.
McQueen, A. S., 1 *m* 11½ Park st.
McQuesten, F. D., Jr. *l* 83 Elm st.
McWilliams, R., Sr. *a* 72 S. M.
Maddox, K., Sr. *a* 334 WH.
Maffitt, T. S., So. *a* 237 D.
Magee, J. M., So. *a* 168 F.
Maher, M. A., *t* 283 Sherman av.
Makepeace, W. D., Sr. *a* 120 N.
Male, F. S., Jr. *a* 204 D.
Maloney, W. R., Fr. *a* 126 N.
Malony, W. P., Fr. *a* 248 York st.
Maltby, E. R., *f* 23 Sylvan av.
Manice, A. R., Sr. *a* 7 V.
Manifold, J. H., Grad. *l* 91 Lake pl.
Mann, A. S., So. *a* 176 F.
Mansfield, L. A., *t* 120 High st.
Manship, W. S., *g* S. Meriden
Mapes, F. H., Jr. *d* 51 E. D.
Marble, F. E., *g* 7 E. D.
Margosian, A. D., Jr. *m* 117 Park st.
Markoe, W. W., Jr. *m* 123 Park st.
Maroney, W. J., 1 *m* 121 York st.
Marsh, E. S., *mus.* Bridgeport
Marsh, G. T., Jr. *a* 337 WH.
Marsh, H. P., *t* 89 Whalley av.
*Marsh, O. C., Prof.* (8 M.) 360 Prospect st.
Marsh, S. J., Grad. *l* 1 College st.
Marshall, E. E., Fr. *s* 51 Lake pl.
Marshall, H. E., Fr. *s* 413 Temple st.
Marshall, S. A., Jr. *a* 80 S. M.
*Marshall, W. C., Instr.* 55 N. S. H.
Martin, G. W., Sr. *l* 314 Crown st.
Martin, R., Jr. *s* 133 College st.
Marty, A. M., So. *a* 1076 Chapel st.
Marty, S. C., Fr. *a* 1076 Chapel st.
Marvin, A., *g* 40 Lake pl.
Marvin, A. B., So. *a* 59 W. D.
Masao, T., Grad. *l* 119 Park st.
Mason, H., Sr. *a* A.
Mason, J. S., Jr. *a* 30 V.

Mason, N. R., Sr. *a* 217 D.
Mather, R., Sr. *s* 247 St. Ronan st.
Mathews, W. H., *f* Ansonia
Matsumato, M., *g* 119 Park st.
*May, G. A., Instr.* GYMN.
Mayer, A. C., Grad. *l* 136 Sherman av.
Mayer, A. J., So. *a* 1076 Chapel st.
Mead, D. I., Sr. *a* 326 W.
Mead, L. G., Sr. *a* 160 F.
Mears, C. A., Sr. *l* 483 Orange st.
Medway, H. E., Fr. *a* 337 George st.
Meeker, J. D., *g* 574 P.
Meigs, W., Jr. *a* 51 V.
Meinken, H., Sr. *s* 125 High st.
*Mendel, L. B., Instr.* (63 B. L.) 22 Trumbull st.
Merrels, F. B., So. *a* 30 Pearl st.
Merrill, C. C., Sr. *d* 93 W. D.
Merrill, C. E., Jr. *a* 14 V.
*Merritt, A. K., Registrar* (135 Elm st.) 267 L.
Merritt, N. A., Sr. *a* 257 L.
Merwin, H. W., Sr. *l* 28 College st.
Merwin, R. C., Sr. *s* 130 Wall st.
Meskill, J. T., Sr. *l* New Britain
Metcalf, H. F., *g* 46 College st.
Metcalf, O. P., Jr. *a* 55 V.
Michel, J., Sr. *l* 1044 Chapel st.
Middleton, A., Sr. *s* 1002 Chapel st.
Milbank, D., Fr. *a* 270 Crown st.
Millard, F. A., *t* 801 Orange st.
Miller, C. H., Jr. *s* 43 College st.
Miller, G. D., Spec. *s* 121 York st.
Miller, J. H., Sr. *l* 73 Lake pl.
Miller, J. J., Sr. *s* 126 Wall st.
Miller, J. V., Sr. *a* 342 WH.
Miller, J. W., Fr. *a* 233 York st.
Miller, O. L., Fr. *s* 109 Wall st.
Miller, R. B., Fr. *a* 82 Wall st.
Miller, R. H., Sr. *a* 133 Wall st.
Miller, T. B., Jr. *d* 115 W. D.
Miller, T. W., Sr. *a* 342 WH.
Miller, W. S., Sr. *l* 83 Whalley av.
Milliken, G. H., Jr. *s* 264 York st.
Milliken, S. M., Jr. *a* 55 V.
Mills, B., So. *a* 578 P.
Mills, M., Fr. *a* 226 York st.
Mills, P. D., Sr. *s* 131 Grove st.
Mills, R. D., Sr. *a* 6 V.
Minden, R. P. F. von, Sr. *l* Wallingford
Minor, E. E., *g* 123 Columbus av.
Minor, H. W., Sr. *l* 333 York st.
Minor, W. E., Fr. *a* 556 P.
Mirick, G. A., *t* 177 Lawrence st.
Mitchell, G. H., So. *a* 140 F.
Mitchell, H. W., Fr. *s* 393 Temple st.
Mitchell, L., Fr. *s* 413 Temple st.
Mitchell, S. K., Jr. *a* 93 S. M.
Mittendorf, G. S., So. *a* 291 W.
Mix, C. C., Jr. *l* 74 Lake pl.
*Mixter, W. G., Prof.* (160 S. L.) 144 Edwards st.
Monell, T., Jr. *a* 210 D.
Monks, J. B., Sr. *s* 59 Wall st.
Monson, C., Fr. *a* 215 D.
Montague, N. T., So. *a* 282 L.
Monteith, I. G., *mus.* Unionville
Montgomery, G. D., Jr. *a* 390 B.
Montgomery, P., Sr. *l* 13 E. D.
*Moody, R. O., Ass't.* 1204 Chapel st.
Moody, W., Fr. *a* 333 York st.
Moon, S. G., Jr. *s* 132 Wall st.
Moor, D. Y., Jr. *d* 41 E. D.
Moore, B. B., So. *a* 592 P.
Moore, E. C., So. *a* 314 Crown st.
Moore, G. C., Jr. *a* 1098 Chapel st.
Moore, H., Fr. *a* 546 P.
*Moore, J. A., Ass't.* 223 Grand av.
Moore, J. K., Mid. *d* 89 W. D.
Moore, J. L., Fr. *a* 242 York st.
Moore, J. O., Sr. *a* 210 D.
Moore, W. B., Fr. *s* 55 Prospect st.
Moore, W. E. F., Sr. *a* 17 V.
Moré, J. O., Jr. *l* 63 W. D.
Morey, J. H., So. *a* 521 P.
Morgan, H. M., So. *a* 22 College st.
*Morgan, W. C., Ass't.* (Kent Lab.) 395 Temple st.
Morley, F. H., So. *a* 235 D.
Morrill, G. P., Sr. *s* 310 Elm st.
Morris, A. V., Sr. *s* 1184 Chapel st.
Morris, C. G., Sr. *l* 230 Prospect st.
Morris, C. S., Jr. *l* 408 Crown st.
Morris, E. B., Sr. *s* 111 Grove st.
*Morris, E. P., Prof.* 112 College st.
Morris, G., Jr. *a* 383 B.
*Morris, R. C., Instr.* N. Y. City
Morrison, C. H., Sr. *s* 117 Wall st.
Morrison, H., Fr. *s* 332 Temple st.
Morse, A. W., Fr. *s* 114 High st.
Morse, C. A., Sr. *l* 107 Edwards st.
Morse, W., Jr. *d* 41 E. D.
Morton, S. B., Fr. *a* 1079 Chapel st.
Moses, H. B., Fr. *s* 607 Chapel st.
Moses, H. L., Fr. *a* 425 Temple st.
Mosle, C. F., Sr. *a* 323 W.
Moulthrop, C. E., *mus.* W. Haven
Moulton, D. E., Sr. *l* 343 George st.

*Moulton, E. S., Ass't.* 252 York st.
Mullally, M., Jr. *a* 76 S. M.
Mullen, G. A., Jr. *a* 143 York st.
Munger, R. L., Sr. *a* 59 V.
Munger, W. R., Jr. *m* 39 Lake pl.
*Munson, C. L., Lecturer* Williamsport, Pa.
Munson, P. B., Sr. *s* 120 High st.
Murdoch, W. M., Jr. *s* 99 Wall st.
Murphy, F. T., Sr. *a* 338 WH.
Murphy, H. K., So. *a* 85 Sachem st.
Murphy, J. A., *t* 551 East st.
Murphy, J. K., Sr. *a* 85 Sachem st.
*Murray, A., Prof.* 60 Trumbull st.
Murray, H. H., *g* 54 Garden st.
Murray, L., Sr. *s* 133 College st.
Murray, W. L., 1 *m* 321 Cedar st.
Mursick, W. W., Fr. *s* 1215 Chapel st.
Musson, M. E., *t* 13 Park st.
Myers, G. H., Jr. *a* 22 College st.
Myers, S. R., Sr. *d* 34 E. D.
Nadler, A. G., *g* 122 Olive st.
Nash, F., Fr. *a* 289 George st.
Naumann, C. W., Jr. *d* 107 W. D.
Neal, R. C., Jr. *a* 283 W.
Neergaard, C. F., Sr. *a* 326 W.
Neergaard, W. B., So. *a* 549 P.
Neithercut, R. I., Sr. *s* 22 College st.
Nelson, T., *g* 57 Lake pl.
Nelson, W. H., Fr. *a* 2 University pl.
Nettleton, F. I., Sr. *m* 123 Park st.
Nettleton, G. H., *g* 528 P.
Neville, W. B., So. *a* 339 George st.
Newberry, F. E., Sr. *l* 85 Olive st.
Newcombe, A. C., Fr. *a* 166 York st.
Newcombe, B., Sr. *a* 17 V.
Newmyer, T. D., So. *a* 1142 Chapel st.
Newton, E. F., *mus.* 8 Kensington st.
Newton, E. P., Sr. *a* 40 V.
Nichols, H. J., So. *a* 173 F.
*Nichols, W. W., Instr.* 203 Lawrence st.
Nicholson, E. K., *g* Bridgeport
Nicoll, M. E., *mus.* 86 Broadway
Niedecken, J. H., Fr. *a* 329 W.
*Niemeyer, J. H., Prof.* (8 Art School) 284 Orange st.
Nims, H. E., Jr. *a* 108 Dixwell av.
Nims, W. E., Fr. *a* 108 Dixwell av.
Nisbet, W. B., Sr. *s* 111 Grove st.
Noble, E. T., So. *a* 145 F.
Noble, H. P., Sr. *s* 347 York st.
Nolan, F. W., Jr. *m* 121 York st.
Nolan, H. E., Sr. *a* 219 York st.
Noon, T. W., *g* 41 High st.
Noone, T. F., Jr. *l* 343 George st.
Norman, H. R., So. *a* 276 Orange st.
Norris, E., Jr. *a* 54 V.
North, F. S., Sr. *s* 130 Wall st.
North, H. A., Fr. *s* 419 Temple st.
North, H. M., Sr. *s* 110 Wall st.
North, J. S., Sr. *s* 130 Wall st.
Northrop, F. E., Jr. *l* 10 Pearl st.
Norton, B. V., Fr. *s* 110 Wall st.
Norton, E. S., *f* Wallingford
Norton, J. P., So. *a* 549 Orange st.
Norton, J. T., Jr. *a* 201 D.
Noyes, E. C., Jr. *a* 161 F.
Noyes, E. H., Sr. *s* 120 High st.
Noyes, E. W., *t* Ridgefield
Noyes, W., So. *a* 177 F.
Nugent, E. T., Fr. *s* 99 Wall st.
Nutting, H. C., *g* 19 Wall st.
O'Brien, T. A., Fr. *s* 1377 Chapel st.
O'Connell, T. G., Jr. *m* 204 Franklin st.
O'Donnell, E. E., Jr. *m* Ansonia
*Oertel, H., Ass't. Prof.* 31 York sq.
O'Fallon, H. L., So. *a* 22 College st.
Oglebay, C., Fr. *a* 217 York st.
Okada, T., Sr. *l* 119 Park st.
O'Keefe, W., Sr. *l* 102 Orange st.
Oliver, G. S., So. *a* 278 L.
Olmstead, E. G., *t* Bridgeport
Olmstead, H. B., Jr. *s* Branford
Olmsted, G. K., *g* 343 George st.
Olney, J. W., Sr. *a* 250 Crown st.
O'Loughlin, C. S., So. *a* 1076 Chapel st.
O'Meara, E. P., Jr. *l* 21 Daggett st.
O'Neill, C., Jr. *m* Waterbury
Ong, E. W., Fr. *a* 250 York st.
Opitz, H. M., Fr. *a* 1098 Chapel st.
Ordway, C. E., Fr. *a* 594 P.
*Osborn, L. E., Clerk* (3 S. H.) 406 Orange st.
*Osborne, O. T., Prof.* 252 York st.
Osgood, A. J., Fr. *s* 747 George st.
Osgood, C. G., *g* 130 Howe st.
O'Sullivan, H. C., Spec. *l* 17 Osborn st.
Otis, H. G., So. *a* 22 College st.
Otis, N. D., Jr. *a* 219 D.
Otis, T. G., Sr. *s* 22 College st.
Otis, W. L., Fr. *a* 238 York st.
Overlander, R. M., Sr. *l* 68 George st.
Owen, E. H., Sr. *s* 311 York st.
Owen, W. H., Sr. *a* 53 V.
Packard, L. B., So. *a* 82 S. M.

Packer, W. S., Jr. *a* 385 B.
Paddock, B. W., Fr. *a* 22 College st.
Paddock, H. W., Sr. *a* 371 WH.
Padelford, F. M., *g* 139 Dwight st.
Page, C. R., Fr. *a* 217 York st.
Page, W. E., Sr. *d* 27 E. D.
Page, W. S., Fr. *a* 242 York st.
Pallman, A. O., Jr. *l* 494 Winthrop av.
Pallman, T. D., Sr. *m* 494 Winthrop av.
*Palmer, A. H., Prof.* (117 N.) 42 Mansfield st.
Palmer, C. K., Fr. *s* 119 Wall st.
Palmer, D. C., Fr. *a* 170 York st.
Palmer, H., So. *a* 230 D.
Palmer, J. C., So. *a* 525 P.
Palmer, R. S., Fr. *a* 233 York st.
Park, E. A., Fr. *a* 86 S. M.
Parke, H. C., Sr. *a* 313 W.
Parke, J. L., Sr. *a* 217 D.
Parker, B. W., Jr. *a* 28 V.
Parker, C. F., Jr. *s* 150 Grove st.
Parker, F. J., Jr. *m* 1161 Chapel st.
Parker, G., Jr. *a* 25 V.
Parker, G. L., Sr. *a* 172 F.
*Parker, H. W., Prof.* (3 TR.) 162 Prospect st.
Parker, J. W., Spec. *m* 61 Bishop st.
*Parker, W. H., Ass't.* 99 Sherman av.
Parkhurst, H., Jr. *s* 103 Wall st.
Parks, F. R., So. *a* 22 College st.
Parmelee, E. S., So. *a* 294 W.
Parsons, F., Sr. *l* 83 Elm st.
Patterson, R. M., Fr. *a* 59 W. D.
Patterson, S., Sr. *a* 347 WH.
Patterson, S. B., *g* 55 Dwight pl.
Paxton, J. R., Jr. *a* 255 L.
Payne, C. T., Jr. *a* 375 WH.
Payton, J. W., Fr. *a* 37 Eaton st.
Pearson, A., *g* 97 Olive st.
Peavey, G. W., Fr. *s* 110 Wall st.
Peck, D. E., Jr. *a* 377 WH.
Peck, H. W., Sr. *s* 120 College st.
Peck, J. E., *t* 783 Orange st.
Peck, L. A., Fr. *a* 86 S. M.
Peck, L. F., Spec. *s* 117 Park st.
Peck, R. C., Fr. *a* 419 B.
*Peck, R. E., Ass't.* 486 Elm st.
*Peck, T., Prof.* 124 High st.
Peck, W., *f* 235 Bishop st.
Peck, W. H., Jr. *a* 259 L.
Peck, W. S., So. *a* 292 W.
Peix, C. H., Jr. *a* 16 V.
Pelton, C. A., Jr. *l* 63 W. D.
Pendleton, F. D., Fr. *a* 347 York st.
*Penfield, S. L., Prof.* (2 M.) 14 S. H.
Penn, W. F., Sr. *m* 1016 Chapel st.
Penney, M. A., *t* 45 Park st.
Perkins, E. C., Jr. *a* 328 W.
Perkins, J. L., Jr. *m* 293 York st.
*Perrin, B., Prof.* (136 F.) 463 Whitney av.
Perrin, H., *mus.* 1098 Chapel st.
Perry, C. M., Fr. *a* 318 Elm st.
Perry, F. L., Sr. *l* 126 Spring st.
Perry, G. B., Jr. *a* 169 F.
Perry, O. H., Fr. *s* 419 Temple st.
Peters, J. D., Fr. *a* 238 York st.
Peterson, C. F., Sr. *l* 344 Elm st.
Peterson, S., *g* 55 Prospect st.
Pettee, L. G., Jr. *a* 121 N.
Pfingst, G. B., Sr. *a* 59 V.
*Phelps, E. J., Prof.* 269 Humphrey st.
Phelps, Eva J., *t* 18 Washington st.
*Phelps, I. K., Ass't.* Kent Lab.
Phelps, M. B., Sr. *s* 131 Grove st.
*Phelps, W. L., Ass't. Prof.* (70 S. M.) 44 Trumbull st.
Philbrick, A. E., Jr. *s* 126 Wall st.
*Phillips, A. W., Prof.* (90 High st.) 209 York st.
Phillips, D. A., *f* Bridgeport
Phillips, G. W., Grad. *d* 123 St. John st.
Phillips, J. C., Fr. *a* 159 York st.
Phillips, T. W., Sr. *s* 125 High st.
Phinney, L. G. E., *mus.* 313 York st.
Pickands, H. S., Sr. *s* 77 Wall st.
Pickett, E. S., So. *a* 140 Sylvan av.
Pickett, J. C., Fr. *a* 580 P.
Pickett, S. B., *mus.* Seymour
Pidgeon, E. R., Fr. *a* 94 York sq.
Pierce, C. P., Sr. *d* 104 W. D.
Pierce, J. F., Sr. *a* 7 V.
Pierce, W. C., *g* 1179 Chapel st.
*Pierpont, J. P., Ass't. Prof.* 357 Howard av.
*Pierson, C. W., Instr.* N. Y. City
Pierson, J. D., *g* 184 Thompson st.
Pike, W. K., Sr. *s* 57 Prospect st.
Pinchot, A. R. E., Sr. *a* 179 LYC.
Pinney, I. E., Mid. *d* 112 W. D.
*Pirsson, L. V., Ass't. Prof.* (2 M.) 14 S. H.
Pitts, H. C., 1 *m* 373 Crown st.
Platt, A. E., *f* W. Haven
Platt, F. N., Jr. *s* 64 Lake pl.
Platt, H., So. *a* 297 W.
Platt, O. W., So. *a* 110 N.
Platt, R., Jr. *s* 39 College st.

Pleasant, R. G., Jr. *l* 42 Lake pl.
Pollard, A. D., *t* Plantsville
Pomeroy, H. S., 1 *m* 163 York st.
Pond, B. W., Sr. *a* 94 S. M.
*Pond, M. A., Ass't.* 57 Grove st.
*Porter, F. C., Prof.* (11 E. D.) 266 Bradley st.
Porter, H. H., Jr. *s* 107 Wall st.
Porter, J. H., Sr. *s* 133 College st.
Porter, J. S., So. *a* 87 S. M.
Porter, L. B., Jr. *m* 183 Portsea st.
Porter, P. R., Jr. *a* 321 W.
Porter, W. E., Fr. *s* 103 Wall st.
Porter, W. F., Sr. *a* 350 WH.
Post, A. S., Jr. *s* 133 College st.
Post, W., Fr. *a* 238 York st.
Potter, H. W., Jr. *s* 125 High st.
Potter, P. S., So. *a* 143 F.
Pouch, E. D., Jr. *s* 133 Wall st.
Poulet, A., Sr. *a* 43 V.
Powell, J. R., Sr. *a* 108 N.
Powell, S. D., Fr. *a* 101 Dwight st.
Powers, C. A., So. *a* 231 D.
Poynter, H. M., Fr. *a* 97 Olive st.
Pratt, A. S., Jr. *l* 534 P.
Pratt, H. H., Sr. *s* 295 York st.
*Pratt, J. H., Instr.* 162 S. L.
Pratt, W. M., *t* Bridgeport
*Prentice, S. O., Instr.* Hartford
Preston, O., So. *a* 536 P.
Price, E. H., Mid. *d* 103 W. D.
Price, M. B., *g* 347 Crown st.
Prince, W. F., *g* 83 Minor st.
Proffit, J. E., Sr. *l* 343 George st.
Pruyn, F., Sr. *a* 350 WH.
Pullman, J., 2 *m* Bridgeport
Pulman, O. S., Fr. *a* 281 Crown st.
Purinton, C. O., Sr. *s* 14 Whalley av.
Pyle, F. W., Sr. *a* 141 F.
Pyle, H. L., Sr. *d* 29 E. D.
Quackenbush, L. S., Fr. *s* 389 Temple st.
Quinn, J. F., 1 *m* 14 Anderson st.
Rall, H. F., Sr. *d* 44 E. D.
Ramsden, C. T., *g* 1040 Chapel st.
Raney, A. J., Jr. *l* 333 York st.
Ransom, A. E., Sr. *s* 63 Grove st.
Rastall, E. S., So. *a* 289 George st.
Ray, O., So. *a* 203 York st.
Ray, W. E., Jr. *m* 201 Portsea st.
Ray, W. S., Jr. *a* 368 WH.
Raymond, F. A., *g* 196 Grove st.
Recknagel, H. S., Jr. *a* 389 B.
Reed, A. G., *g* 74 Lake pl.
Reed, C. M., Sr. *a* 314 W.
Reed, E. B., *g* Paris
Reed, J., Fr. *s* 110 Wall st.
Reed, L. T., Jr. *d* 100 W. D.
Reeve, H. D., Jr. *a* 255 L.
Reid, J., So. *a* 561 P.
Reilly, F. H., Sr. *m* 127 Putnam st.
Resor, W. G., Sr. *a* 78 S. M.
*Reynolds, H. M., Prof.* 38 V.
Reynolds, H. S., *f* 162 Blatchley av.
Reynolds, R. D., Jr. *s* 110 Wall st.
Reynolds, W. G., Sr. *m* 86 Elliott st.
Rhodes, F. R., So. *a* 233 D.
Rhodes, G. B., Jr. *a* 233 D.
Rice, Archibald, *mus.* Waterbury
Rice, Austin, Sr. *d* 26 E. D.
*Rice, C. B., Ass't.* 56 N. S. H.
Rice, D. P., Mid. *d* 30 E. D.
Rice, J. P., Fr. *a* 77 Elm st.
Rich, G. B., Sr. *s* 22 College st.
Richards, A. E., Jr. *a* 142 F.
Richards, A. N., Sr. *a* 79 S. M.
*Richards, C. B., Prof.* (111 WINCH.) 137 Edwards st.
*Richards, E. L., Prof.* A.
Richards, H. R., *f* 137 Edwards st.
Richardson, F. E., Jr. *a* 242 Orchard st.
Richardson, J. C., *g* 1204 Chapel st.
Richardson, R. K., Jr. *a* 259 L.
Richmond, G. C., Mid. *d* 97 Olive st.
Rick, W., Sr. *l* 78 Lake pl.
Ricker, W. G., Fr. *a* 80 Broadway
Rider, C. A., Jr. *m* 88 Park st.
Ridgway, J. E., Jr. *s* 332 Temple st.
Riggs, M. L., *g* Bridgeport
Riggs, N. J., *t* 252 Orchard st.
Riggs, P. S., Fr. *a* 76 Howe st.
Riley, I. W., *g* 31 E. D.
Ripley, G. M., Jr. *a* 146 F.
Ripley, J. A., Jr. *a* 56 V.
Ripley, P. F., Sr. *a* 206 D.
*Robbins, E. D., Lecturer* Hartford
Robbins, H. C., So. *a* 137 Wall st.
Robbins, W. V., Sr. *l* 143 College st.
Roberts, H. N., Jr. *l* 74 Lake pl.
Roberts, W. S., So. *a* 98 N.
Robertson, R. B., Fr. *a* 120 York st.
Robertson, W. H., *mus.* 10 Pearl st.
Robinson, E. B., Jr. *d* 55 W. D.
Robinson, E. W., So. *a* Meriden
Robinson, H. H., *g* 297 York st.
Robinson, J. A., *t* 811 Orange st.
*Robinson, J. J., Instr.* 170 F.
Robinson, S. H., *t* 811 Orange st.
Rockefeller, P. A., Fr. *a* 544 P.

Rockwell, M. W., Jr. *a* 131 F.
Rodgers, J. O., Jr. *a* 341 WH.
Rodman, H. B., Jr. *s* 165 York st.
Rodman, T., *g* 165 York st.
Roesler, E., Jr. *s* 133 Wall st.
Rogers, A. M., Jr. *s* 128 Wall st.
Rogers, D. F., Jr. *a* 256 L.
Rogers, E. D., *f* 67 Lafayette st.
Rogers, H. L., Sr. *s* 131 Grove st.
Rogers, J. S., Jr. *a* 227 D.
Rood, W. H., So. *a* 215 East st.
Root, E. C., Fr. *a* 581 P.
Root, R. K., Jr. *a* 119 College st.
Rose, J. B., Sr. *s* 22 College st.
Rosenberg, S. C., Fr. *a* 103 Bishop st.
Rosenfeld, A. H., Fr. *a* 423 Temple st.
Rountree, G. H., Sr. *a* 1 V.
Rowe, W. G., Sr. *a* 89 S. M.
Rowe, W. H., Sr. *d* 40 E. D.
Rowell, G. P., Sr. *l* 314 Crown st.
Rowland, H. C., Jr. *m* 1161 Chapel st.
Rowland, H. H., Jr. *a* 154 F.
*Rowland, W. E., Clerk*
(5 TR.) 212 Orchard st.
Rudd, M. D., Fr. *a* 233 York st.
Ruggles, A. G., Jr. *a* 1002 Chapel st.
Ruggles, B. R., Jr. *s* 131 Grove st.
Runkle, M. S., Sr. *d* 24 E. D.
Rusher, J. D., Jr. *a* 1142 Chapel st.
Russel, T. F., Sr. *a* 50 V.
Russell, C. T., Jr. *l* 157 York st.
Russell, F. H., Fr. *a* 251 Crown st.
Russell, M. R., *mus.* 244 Lawrence st.
Russell, R., Fr. *a* 238 York st.
*Russell, Talcott H., Instr.*
(42 Church st.) 64 Grove st.
*Russell, Thomas H., Prof.* 137 Elm st.
Rust, A. M., *f* Meriden
Rutherford, A. H., Fr. *s* 110 Wall st.
Ryan, T. F., Sr. *l* 514 Chapel st.
Ryder, E. M. T., *g* 10 Park st.
Ryder, H. V., Sr. *a* 251 L.
Ryman, T. B., Sr. *s* 111 Grove st.
Sage, D., Sr. *a* 29 V.
Sage, D. L., Sr. *a* 46 V.
Sage, F. L., Spec. *s* 39 Maple st.
Sage, W. P., Jr. *s* 103 Wall st.
*St. John, S. B., Lecturer* Hartford
Sakata, T., Grad. *d* 99 W.D.
*Sallmon, W. H., Sec'y.* Dwight Hall
Salter, J. C., Sr. *a* 247 L.
Samson, G. W., Sr. *a* 251 L.
*Sanders, F. K., Prof.* 77 Mansfield st.
Sanders, H. G., Fr. *a* 53 Lake pl.
Sanders, W. M., Fr. *s* 411 Temple st.
Sands, E. de N., Fr. *s* 130 Wall st.
Sands, H. H., Fr. *s* 110 Wall st.
Sanford, A. F., *mus.* 216 Crown st.
Sanford, G. F., Sr. *l* 231 York st.
Sanford, I. W., Jr. *s* 347 York st.
*Sanford, L. C., Ass't.* 216 Crown st.
*Sanford, S. S., Prof.*
(38 College st.) Bridgeport
Sanford, W. S., Fr. *a* 396 B.
Santoire, E. N., Sr. *l* 124 Wall st.
Sargent, C. E., *g* 187 Lawrence st.
Sargent, N. S., *t* 187 Lawrence st.
Satterfield, J. M., Jr. *s* 117 Wall st.
Saunders, E. N., Jr. *s* 99 Wall st.
Sawyer, E., Jr. *a* 32 V.
Sawyer, J. P., Sr. *a* 19 V.
Sawyer, S. W., So. *a* 9 Library st.
Saxon, W. A., Jr. *l* 37 Silver st.
Scarborough, H. S., Mid. *d* 88 W. D.
Schaeffer, G. L., Sr. *d* 128 Howe st.
Scheftel, H. A., Jr. *a* 296 W.
Schenck, D. D., Sr. *s* 130 Wall st.
Schieffelin, F. A. M., Sr. *s*
133 College st.
Schley, C. B., Fr. *s* 86 Wall st.
Schoyer, W. E., Fr. *a* 170 York st.
Schreiber, G. G., Jr. *a* 25 V.
Schultz, C. H., Sr. *a* 288 W.
Schultz, C. R., Sr. *s* 109 Wall st.
Schutte, L. H., So. *a* 289 George st.
Schwab, E. F., *f* 310 Prospect st.
*Schwab, J. C., Ass't. Prof.*
310 Prospect st.
Schweppe, R. J., Fr. *a* 333 York st.
Scott, H., Mid. *d* 50 E. D.
Scranton, J. H., Jr. *a* 10 V.
Scranton, J. I., *t* 114 Lawrence st.
Scranton, L. M., *t* 114 Lawrence st.
Scranton, W., Jr. *a* 205 D.
Scranton, W. D., Sr. *s* 32 Park st.
*Scripture, E. W., Instr.*
(109 Elm st.) 220 Lawrence st.
Scudder, M., So. *a* 552 P.
Seabury, W. B., Fr. *a* 53 Lake pl.
Sears, D. L., So. *a* 1076 Chapel st.
Sears, P. R., Jr. *s* 1040 Chapel st.
*Seashore, C. E., Ass't.*
(109 Elm st.) 149 St. John st.
*Seaver, J. W., Director* (GYMN.)
25 Lynwood st.
Seed, A. H., Sr. *s* 311 York st.
Seeley, F. E., Fr. *s* 419 Temple st.
Segelbaum, H. A., Jr. *l* 78 Lake pl.
Selin, W. E., Jr. *a* 128 N.
Selleck, E. E., Sr. *s* 263 Orange st.

Sellew, G. T., *g* 79 Lake pl.
Sellew, R. C., Jr. *m* 39 Lake pl.
Senger, W. C., Fr. *a* 62 Lake pl.
Setchell, H. E., Sr. *s* 212 English st.
Seward, M. B., Fr. *s* W. Haven
Seymour, J. B., So. *a* 101 W. D.
Seymour, O. S., Grad. *l* 83 Elm st.
*Seymour, T. D., Prof.* (22 Phelps) 34 Hillhouse av.
Seymour, W. E., So. *a* 221 D.
Shaffer, H., Fr. *a* 1010 Chapel st.
Shall, F. H., Jr. *a* 163 F.
Shares, H. R., Sr. *s* 43 College st.
*Sharp, G. M., Lecturer* Balt., Md.
Sharpe, W. F., Spec. *s* 152 Grove st.
Shattuck, C. W., Jr. *l* 31 Lake pl.
Shattuck, S. F., Fr. *s* 118 College st.
Shaw, F. M., Jr. *a* 163 F.
Shaw, H., So. *a* 420 B.
Shaw, J. E., Sr. *s* 131 Grove st.
Sheedy, B. D., Sr. *l* Bridgeport
Sheedy, G. F., Fr. *s* 204 Grove st.
Sheehan, F. W., Jr. *a* 255 L.
Shelby, G. C., Fr. *a* 238 York st.
Sheldon, P. F., Sr. *a* 346 WH.
Sheldon, R., Jr. *s* 131 Grove st.
Shepard, H. H., Jr. *l* 159 Blatchley av.
Shepard, W. K., Sr. *s* 78 Dickerman st.
Shepherd, G. M., Fr. *a* 250 York st.
Sherer, D. B., Sr. *s* 125 High st.
Sheridan, L. W., *t* 519 Orange st.
Sherman, A. L., Fr. *a* 427 Temple st.
Sherman, C. P., Jr. *l* 38 Chestnut st.
Sherman, E. W., Jr. *l* 90 Whalley av.
Sherman, M., *t* 73 Lake pl.
Sherrard, T. H., Sr. *a* 229 D.
Sherrill, W. H., Fr. *a* 333 York st.
Sherwood, A. C., Sr. *a* 225 D.
Sherwood, C. L., Jr. *s* 99 Wall st.
Sherwood, E. J., Jr. *s* 61 Prospect st.
Sherwood, H. R., Jr. *l* 524 Chapel st.
Sherwood, M., *g* 37 Howe st.
Sherwood, M. S., Jr. *m* 121 York st.
Shipman, F. C., Sr. *s* 63 Olive st.
Shipman, H. R., So. *a* 564 P.
*Shipman, N., Lecturer* Hartford
Shirk, C. H., Mid. *d* 83 W. D.
Shone, R. H., Jr. *a* 270 Orchard st.
Short, W. H., Sr. *d* 22 E. D.
Shroder, W. J., Jr. *a* 165 F.
Sicard, E. M., Sr. *a* 229 D.
Siglar, H. B., Sr. *a* 138 F.
Sigourney, B. M., *mus.* Bristol
Sikes, F. V., Fr. *a* 17½ Oak st.
Sikes, Z. H., Jr. *s* 17½ Oak st.
Sillcocks, H., Jr. *a* 349 WH.
Silverstein, A., Sr. *a* 144 F.
Simmons, C., So. *a* 242 York st.
Simmons, F. H., Jr. *a* 374 WH.
Simmons, F. W., Sr. *s* 22 College st.
Simmons, G. W., Fr. *a* 226 York st.
Simmons, K. R., *t* 105 Dwight st.
Simons, T., Fr. *a* 598 P.
Simpson, E. C., Jr. *l* 138 Dwight st.
Simpson, J. H., Sr. *a* 122 N.
Simpson, O. L., Sr. *s* 1142 Chapel st.
Siviter, A. B., Jr. *s* 141 College st.
Skinner, A. W., *f* Guilford
Skinner, G. W., Jr. *l* 103 Wall st.
Slocovich, W. P., Jr. *s* 126 High st.
Slusser, L. D., *g* Bridgeport
Small, F. M., Jr. *l* 64 Lake pl.
Small, J. E., Sr. *l* 78 Lake pl.
Smiley, E. P., So. *a* 143 F.
Smith, Albert C., Jr. *s* 61 Prospect st.
Smith, Alfred C., So. *a* 388 B.
Smith, A. D., Jr. *a* 131 F.
Smith, A. I., *g* 132 College st.
Smith, B. C., So. *a* 573 P.
Smith, C. A., *g* Middletown
*Smith, C. H., Prof.* (243 L.) 284 Orange st.
Smith, C. L. P., Jr. *m* 78 Trumbull st.
Smith, C. M., Sr. *l* 1142 Chapel st.
Smith, Edw. B., Jr. *a* 272 L.
Smith, Eliza B., *mus.* Shelton
Smith, E. D., 2 *m* 63 W. D.
Smith, E. L., Sr. *a* 157 F.
Smith, E. S., So. *a* 573 P.
Smith, E. T., Sr. *m* 121 York st.
Smith, Geo. Hall, Fr. *s* 313 York st.
Smith, Geo. Henry, So. *a* 174 F.
Smith, G. V., Jr. *l* 130 Howe st.
*Smith, H. A., Instr.* 4 Mansfield st.
*Smith, H. E., Prof.* (25 Med. School) 430 George st.
Smith, H. K., Jr. *a* 57 V.
Smith, H. P., Fr. *a* 155 F.
Smith, H. R., Fr. *a* 333 York st.
Smith, J., *t* 59 E. Pearl st.
Smith, J. D., Sr. *a* 332 WH.
Smith, J. R., Jr. *a* 203 D.
*Smith, J. S., Libr'n.* (Libr.) 257 St. Ronan st.
Smith, K. F., *t* 1150 Chapel st.
Smith, L. G., *g* Ansonia
Smith, M. F., Sr. *s* Branford

*Smith, P. F., Ass't. Prof.* 154 Humphrey st.
Smith, R. E., Fr. *s* 251 Crown st.
Smith, S. A., So. *a* 68 V.
Smith, S. B., *mus.* 273 Orchard st.
*Smith, S. I., Prof.* (78 B. L.) 147 Whalley av.
Smith, T. H., Sr. *l* 809 State st.
Smith, T. M., Jr. *a* 203 D.
Smith, W., *g* 130 Howe st.
Smith, W. B., So. *a* 68 V.
Smyth, N. A., Sr. *a* 285 W.
*Sneath, E. H., Ass't. Prof.* 390 Prospect st.
Snell, H. B., Sr. *s* 105 Wooster st.
Snyder, C. W., 1 *m* 107 Day st.
Snyder, E. C., Sr. *l* 62 W. D.
*Snyder, H. M., Ass't.* (Sloane Lab.) 1010 Chapel st.
Somers, A. T., *t* 218 Goffe st.
Somers, G. E., Sr. *a* 119 N.
Somers, H. A., So. *a* 116 W. D.
Somerset, M. F., *t* Bridgeport
Sonnenberg, L. M., Sr. *a* 144 F.
Spalding, C. G., Jr. *s* 9 High st.
Spalding, R. A., Fr. *a* 226 York st.
*Spalding, W. A., Demonstrator* 9 High st.
Spaulding, F. E., Sr. *a* 139 F.
Spaulding, R. C., Sr. *a* 589 P.
Speakman, F. L., Sr. *l* 91 Lake pl.
Spears, C. B., Fr. *a* 553 P.
Speer, A. M., Jr. *s* 131 Grove st.
Speer, H., Fr. *a* 361 WH.
Spelman, W. C., So. *a* 92 S. M.
Spence, T. H., Fr. *a* 238 York st.
Spencer, C. S., *g* A.
*Spencer, F. C., Ass't.* 58 N. S. H.
Spencer, N. C., Jr. *s* 65 York sq.
Spencer, S. S., Sr. *s* 22 College st.
*Spencer, F. N., Ass't.* 76 Wooster st.
Spieske, E., *mus.* Hartford
Spitzer, C. B., So. *a* 114 High st.
Spock, B. I., Sr. *l* 66 W. D.
Spreyer, C. C., Jr. *l* 38 Elliott st.
Spring, S. N., Jr. *a* 223 D.
Squire, C. A., So. *a* 231 D.
Squire, F. F., So. *a* 7 Library st.
Stalter, E. G., Jr. *l* 527 P.
Stanley, W. E., Fr. *s* 389 Temple st.
*Starkweather, G. P., Instr.* 344 Cedar st.
Starne, C. A., Fr. *a* 248 York st.
*Stearns, H. P., Lecturer* Hartford
Stelle, W. B., Sr. *d* 36 E. D.
Stephanoff, C. D., So. *a* 266 York st.
Stern, W. T., So. *a* 302 W.
Stetson, C., Fr. *a* 254 York st.
Stetson, P. R., 1 *m* 71 Sylvan av.
Stevens, A. A., *t* Hartford
Stevens, A. H., *g* A.
Stevens, F. K., Sr. *s* 313 York st.
Stevens, F. W., 1 *m* 119 Park st.
Stevens, G., Fr. *a* 1044 Chapel st.
*Stevens, G. B., Prof.* (12 E. D.) 68 Trumbull st.
Stevenson, H. C., Sr. *l* Bridgeport
Stevenson, H. L., Sr. *s* 59 Grove st.
Stevenson, R., Fr. *a* 1076 Chapel st.
Steward, H. G., 1 *m* 144 Dwight st.
Stewart, L. H., Sr. *m* 157 York st.
*Stewart, L. V., Ass't.* 347 York st.
Stewart, W. K., So. *a* 242 York st.
Stewart, W. P., Jr. *s* 130 Wall st.
Stilson, C. H., Sr. *s* 269 Canner st.
Stimson, C. F., Mid. *d* 2 E. D.
Stimson, G. P., Jr. *a* 167 F.
Stimson, R. W., Sr. *d* 2 E. D.
Stires, M. F., Sr. *a* 218 D.
Stocker, F. R., Jr. *a* 263 L.
Stoddard, L. E., So. *a* 352 Temple st.
Stoddard, S., So. *a* 230 D.
*Stoeckel, G. J., Prof.* Norfolk
Stoll, R. C., Sr. *l* 22 College st.
Stone, C. E., *g* A.
Stone, E. C., Fr. *a* 216 D.
Stone, L. T., Fr. *s* 1 Hillhouse av.
Stone, M. A., Fr. *a* 77 Grove st.
Stone, R. E., Jr. *s* 88 Wall st.
Stookey, L. B., Fr. *a* 60 Whalley av.
Storer, H. K., *t* 343 Quinnipiac st.
Story, I. L., *t* 8 Pine st.
Story, N. H., *t* 8 Pine st.
Stoskopf, W. B., Fr. *a* 406 B.
Stout, H. L., Jr. *s* 125 High st.
Street, N. A., Jr. *a* 47 V.
Street, W. B., Mid. *d* 84 W. D.
Streeter, E. C., Jr. *a* 373 WH.
Streit, G., 1 *m* S. Quinnipiac st.
Strong, F., *g* 499 Winthrop av.
*Strong, J. P., Clerk* (5 TR.) 222 Sherman av.
*Strong, W. M., Tutor* 307 W.
Stuart, W. H., Sr. *a* 62 V.
Studinski, C. H., Sr. *a* 218 D.
Studley, J. E., *t* 99 Howe st.
Sturges, W. K., Jr. *s* 111 Wall st.
Sullivan, C. E., Fr. *a* 568 P.
Summerfield, G. C., Fr. *s* 120 High st.
Sumner, G., Sr. *a* 322 W.

Sumner, G. S., *g* 61 W. D.
*Sumner, W. G., Prof.* 140 Edwards st.
Suter, J., Jr. *d* 19 Broad st.
Sutherland, C. M., *t* W. Haven
Sutphin, D. V., Sr. *a* 306 W.
Sutphin, S. B., Fr. *s* 332 Temple st.
Sutro, V., Sr. *a* 209 D.
Sutton, H. L., Sr. *a* 45 V.
*Swain, H. L., Prof.* 232 York st.
Swan, T. W., Fr. *a* 231 York st.
Sweeney, J. C., Grad. *l* 219 Whalley av.
Sweeney, J. W., Fr. *a* 219 Whalley av.
Sweet, C. F., So. *a* 295 W.
Swift, C. R., So. *a* 409 B.
Swift, I. N., Jr. *a* 341 WH.
Sykes, W. H., Jr. *s* 150 Grove st.
Taft, H., Fr. *a* 22 College st.
Talcott, T. M., Grad. *l* 1157 Chapel st.
Tappen, C. M., Sr. *a* 79 S. M.
Tarbell, H. A., 1 *m* Bridgeport
Tate, D S., Sr. *a* 313 W.
Tatum, E. H., Fr. *a* 538 P.
Taylor, E. G., *g* 64 Garden st.
Taylor, G. B., Sr. *a* 183 LYC.
*Taylor, R. L., Instr.* 67 Mansfield st.
Taylor, W. V., Fr. *a* 261 Crown st.
Teasdale B. J., Sr. *a* 123 N.
Teeter, C. H., Jr. *a* 139 F.
Tefft, E. T., Jr. *s* 22 College st.
Teller, H. B., So. *a* 166 York st.
Tennant, G. B., Fr. *a* 117 Elm st.
Tenney, D. D., Fr. *a* 584 P.
Tenney, F. W., Jr. *a* 111 York st,
Terrill, J. G., *f* 142 Plymouth av.
Terry, A. H., Jr. *a* 30 Hillhouse av.
Terry, C. T., Fr. *a* 84 Wall st.
Terry, R., Jr. *a* 211 D.
Tewksbury, L. B., Fr. *a* 361 WH.
*Thacher, T., Lecturer* N. Y. City
Thaxter, B. A., Sr *a* 123 N.
Thayer, C. S., Grad. *d* Göttingen
Thayer, G. B., Sr. *l* Hartford
*Thayer, J. B., Lecturer* Cambridge, Mass.
Thibault, L., 1 *m* 528 Chapel st.
Thomas, C. E., Sr. *a* 239 D.
Thomas, D. O., Fr. *a* 9 Library st.
Thomas, E., So. *a* 280 L.
Thomas, I., *g* 22 Trumbull st.
Thomas, L. M., Fr. *a* 217 York st.
Thomas, R. W., Fr. *a* 60 Whalley av.
Thomas, S. E., Fr. *s* 119 Wall st.
Thomas, W. S., Fr. *s* 22 Trumbull st.
Thompson, B. F. C., Sr. *a* 3 V.
Thompson, C. B., Fr. *a* 70 Howe st.
Thompson, C. E., So. *a* 280 L.
Thompson, E. J., *mus.* 215 Crown st.
Thompson, E. N. S., Fr. *a* 127 N.
Thompson, F. S., *t* 377 Crown st.
*Thompson, G. V., Tutor* 351 WH.
Thompson, J. E., Fr. *s* 124 Wall st.
Thompson, J. H., Sr. *a* 293 W.
Thompson, J. W., Sr. *l* 361 George st.
Thompson, L. H., Fr. *s* 413 Temple st.
Thompson, L. N., *f* 346 Center st,
Thompson, W. H., Jr. *a* 127 N.
Thomson, J. D., Sr. *l* 15 E. D.
Thomson, J. L., Jr. *s* 119 Wall st.
Thomson, R. J., Sr. *l* Greens Farms
Thorpe, W. P., Fr. *a* 231 York st.
Thrall, G. C., Jr. *s* 114 High st.
Thurston, L., Jr. *a* 260 L.
Tichborne, W. F. C., Jr. *s* 119 Wall st.
Tiffany, C, L., Fr. *a* 382 WH.
Tillotson, E., Sr. *a* 294 Lawrence st.
Tilney, F., Sr. *a* 320 W.
*Tilson, J. Q., Steward* 566 P.
Tilson, W. J., Grad. *l* 1 TR.
Tinker, C. B., So. *a* 37 Lake pl.
Tirrell, P. H., Sr. *a* 22 V.
Tobel, A. E. von, 2 *m* 163 York st.
Todd, E. J., Fr. *a* 488 State st.
Todd, F. H., Sr. *m* 62 Whalley av.
Todd, W. A., Sr. *a* 107 N.
Tomkins, H. H., So. *a* 387 B.
*Torrance, D., Instr.* Birmingham
Torrey, W. J., So. *a* 55 V.
Towle, J. A., *g* 5 E. D.
Townsend, A. R., Sr. *s* 110 Wall st.
*Townsend, J. M., Lecturer* N. Y. City
Townsend, M. T., Fr. *s* 130 Wall st.
*Townsend, W. K., Prof.* 148 Grove st.
Townshend, H. H., Sr. *a* 285 W.
Tows, F. H., Jr. *a* 37 V.
Tracy, E. A., So. *a* 281 Crown st.
Tracy, G. R., Sr. *s* 299 York st.
*Tracy, J. C., Instr.* (127 WINCH.) 55 Dwight pl.
Tracy, R. G., 1 *m* 216 Cedar st.
Tracy, W. E., Fr. *a* 233 York st.
Treadway, C. T., Fr. *a* 539 P.
Treadwell, L. S., Fr. *s* 90 Wall st.
Treat, E. B., Jr. *a* 165 F.
Trinkaus, G. J., *mus.* Bridgeport
Tritch, B. F., Fr. *s* 110 Wall st.
*Troostwyk, I., Instr.* 26 Lyon st.

Trowbridge, A., *g* 685 Orange st.
Trowbridge, E. G., *g* 685 Orange st.
Trowbridge, E. Q., So. *a* 21 V.
Trowbridge, H. Q., Jr. *a* 21 V.
Trowbridge, L. S., Sr. *a* 166 F.
Truman, F., *f* 319 Crown st.
Truslow, E., So. *a* 560 P.
Tucker, R. D., *g* 1010 Chapel st.
Tuckerman, J., Jr. *a* 74 Howe st.
Tuller, A. P., Sr. *a* 137 F.
Turnbull, R. J., Jr. *a* 290 W.
Turney, L. F., So. *a* 61 Grove st.
*Tuttle, C. A., Lecturer* 129 Whalley av.
Tuttle, C. B., Fr. *a* 250 York st.
Tuttle, H. B., Sr. *s* 77 Wall st.
Tweedy, E. F., Sr. *s* 119 Wall st.
Tweedy, L., So. *a* 119 Wall st.
Tweedy, R. L., Fr. *a* 554 P.
Twichell, D. C., Jr. *a* 353 WH.
Twichell, R. C., Fr. *a* 269 L.
Tyler, H. A., Jr. *m* 402 Crown st.
*Tyler, M. F., Prof.* (42 Church st.) 33 College st.
Tyler, R. P., Fr. *a* 32 College st.
Tyler, V. M., Jr. *a* 353 WH.
Tytus, F. J., Jr. *s* 61 Grove st.
Tytus, J. B., Sr. *a* A.
Tytus, R. deP., Sr. *a* 46 V.
Ullman, J. B., Jr. *l* 195 Congress av.
Underwood, C. B., *t* 42 Church st.
Updike, G. W., Sr. *a* 336 WH.
Upson, A. W., Jr. *l* Kensington
Upton, E. C., So. *a* 254 L.
Vaile, W. N., Jr. *a* 132 F.
Valentine, W., Sr. *s* 299 York st.
VanAlstine, C. R., *t* Hawthorne
vanBeuren, F. T., Jr. *a* 8 V.
VanBuren, A. W., Fr. *a* 261 Orange st.
VanBuren, R. S., Sr. *s* 250 York st.
Vanderbilt, A. G., So. *a* 31 V.
VanderVeer, A., Fr. *a* 133 Wall st.
VanDeusen, E. W., Sr. *a* 124 N.
VanDyke, L., Fr. *a* 333 York st.
VanEvery, H. F., Fr. *s* 1142 Chapel st.
VanEvery, L. H., Sr. *s* 125 High st.
VanIngen, P., Sr. *a* 178 LYC.
Vann, I. D., Sr. *a* 45 V.
*Van Name, A., Libr'n.* (Libr.) 121 High st.
VanName, R. G., So. *a* 153 F.
VanName, T., *f* 121 High st.
VanName, W. G., *g* 121 High st.
VanSteenwyk, G., Sr. *a* 343 WH.
VanVlack, C. A., Grad. *l* 133 Dwight st.
VanWinkle, C. T., Sr. *s* 55 Prospect st.
Vartanian, H. M., 1 *m* 541 Chapel st.
Vaughan, W. L., Jr. *a* 287 W.
Vaughn, L. *mus.* Bridgeport
Veech, J. A., Sr. *l* 23 Eld st.
*Verdi, W. F., Ass't.* 172 St. John st.
*Verrill, A. E., Prof.* (15 M.) 86 Whalley av.
Verrill, C. S., Fr. *s* 86 Whalley av.
Vibert, R. K., Sr. *a* 103 N.
Vincent, F. D., So. *a* 64 W. D.
Vincent, W. G., 1 *m* 532 P.
Von Minden, R. P. F., Sr. *l* Wallingford
Von Tobel, A. E., 2 *m* 163 York st.
Voorheis, L. E., Sr. *s* 117 Wall st.
Wadhams, D. T., Fr. *s* 2 University pl.
Wadhams, J. P., Fr. *s* 22 Prince st.
Wadhams, N. S., Sr. *s* 22 Prince st.
Wadsworth, J. T., Fr. *a* 320 W.
Wadsworth, J. W., Jr. *a* 12 V.
Wagner, C. H., So. *a* 152 F.
Wagner, H. G., Jr. *l* 40 Pearl st.
Waite, I. G., Jr. *s* 287 York st.
Wakefield, G. L., So. *a* 152 F.
Wakeman, A., Jr. *l* 343 George st.
Walcott, P. C., Fr. *a* 92 Park st.
*Walden, P. T., Instr.* 162 S. L.
Waldo, G. Jr. *s* 143 College st.
Walker, C. F., *g* 73 Lake pl.
Walker, C. H., So. *a* 87 S. M.
Walker, C. R., *g* 83 Grove st.
Walker, Elisha, Fr. *a* 123 York st.
Walker, Ernest, Jr. *a* 224 D.
Walker, Etheredge, Jr. *s* 135 College st.
Walker, J. T., Fr. *s* 110 Wall st.
Walker, W., Fr. *s* 411 Temple st.
Wallace, G. Y., Jr. *a* 559 P.
Wallace, H. B., So. *a* 344 WH.
Wallace, M. L., Sr. *a* 218 D.
Wallace, R., *mus.* Ansonia
Wallace, W. G., So. *a* 64 W. D.
Wallace, W. W., Grad. *d* 19 E. D.
Wallis, C. G., Sr. *s* 133 College st.
Wallis, N. W., Sr. *a* 52 V.
Walsh, J. A., Jr. *a* 81 S. M.
Walsh, J. W., Jr. *a* 337 WH,
Walsh, W. J., Sr. *l* 127 Clay st.
Walton, H. A., Fr. *a* 248 York st.

Walton, J. M., Fr. *s* 313 York st.
Walworth, C., Sr. *a* 277 L.
Walworth, G. C., Fr. *a* 270 L.
Ward, A. G., Jr. *a* 74 S. M.
Ward, C. H., *g* 61 W. D.
Ward, E. P., Fr. *a* 1044 Chapel st.
Ward, G. L., So. *a* 152 F.
Warden, C. A., Fr. *s* 248 York st.
Ware, E. T., Sr. *a* 239 D.
Ware, L., *g* 276 George st.
Warner, C., *t* 1370 Chapel st.
Warner, E. J., So. *a* 552 P.
Warner, F. A., Fr. *s* 250 York st.
Warner, G. H., Sr. *m* 91 Park st.
Warner, H. B., So. *a* 91 S. M.
Warner, M. G., *t* 92 Clark st.
Warnock, J. D., *g* Cheshire
Warren, A., So. *a* 422 B.
*Warren, C. H., Ass't.* 53 Prospect st.
Warren, C. M., Jr. *a* 74 S. M.
Warren, F. H., Fr. *s* 39 College st.
Warren, F. P., Fr. *s* 150 College st.
Warren, N. W., Fr. *s* 128 High st.
Warren, U. G., Jr. *d* 21 E. D.
Warren, W. O., Fr. *s* 126 Wall st.
Waters, B., Jr. *d* 70 W. D.
Watrous, E., So. *a* 26 V.
*Watrous, G. D., Prof.*
(153 Church st.) 261 Bradley st.
Watson, A. B., Jr. *s* 99 Wall st.
Watson, D. B., Fr. *s* 92 Dwight st.
Watson, H. G., Jr. *m* GYMN.
*Watson, J. Lecturer* Liverpool, Engl.
Watterson, M. A., So. *a*
1076 Chapel st.
Way, A. F., So. *a* 22 College st.
*Wayland, F., Dean*
(11 Law School) 175 Whitney av.
Wear, J. W., So. *a* 22 College st.
Weaver, C. E., Fr. *s* 65 Spring st.
Weaver, G. A., Sr. *m* 147 College st.
Weaver, H. P., Sr. *s* 149 College st.
Weaver, W. M., Sr. *m* 230 Orange st.
*Webb, J. H., Instr.* 42 Church st.
Webb, K., Sr. *a* 101 N.
Weber, F. J. G., *mus.* Bridgeport
Webster, F., So. *a* 91 S. M.
Webster, M. R., *t* 38 Howe st.
Weeks, C. E., Fr. *a* 118 College st.
Weichert, R. F., Fr. *a* 119 Park st.
Weil, J., *mus.* 160 St. John st.
Weir, E. D., *f* 58 Trumbull st.
*Weir, J. F., Prof.*
(9 Art School) 58 Trumbull st.
Weiss, W. H., Fr. *a* 305 George st.
Welch, B. M., Jr. *l* 26 Warren st.
Welch, C. W., Jr. *m* 214 Orchard st.
Welch, H. L., Sr. *m* 44 College st.
Welch, J. H., 1 *m* 36 Elm st.
Welch, P. N., Jr. *a* 321 W.
Weller, H. S., Sr. *s* 145 College st.
Welles, C. H., So. *a* 240 D.
Welles, C. Y., Fr. *s* 128 High st.
Welles, J., Jr. *a* 80 S. M.
Wellman, G., So. *a* 237 D.
*Wells, C. W., Ass't.* 595 P.
Wells, E. A., Sr. *a* 104 N.
Wells, G., *t* 382 Whitney av.
Wells, H. H., Fr. *a* 407 B.
*Wells, H. L., Prof.* (151 S. L.)
57 Trumbull st.
*Wells, P. P., Libr.*
(32 Law School) 72 Mansfield st.
Wells, T. B., Sr. *a* 214 D.
Werner, F. M., Jr. *a* 241 L.
Wescott, H. D., Fr. *a* 22 College st.
Wesley, G. J., So. *a* 369 WH.
West, E. M., Sr. *s* 263 Orange st.
West, W. H., So. *a* 22 College st.
Westcott, A. G., *mus.* Hartford
*Westlund, J., Instr.* 59 Prospect st.
Weston, F. W., So. *a* 140 F.
Weston, H. T., Jr. *s* 99 Wall st.
Wetmore, W. S. K., Sr. *a* 101 N.
Wheeler, A., Sr. *a* 130 F.
*Wheeler, A. L., Tutor* 73 Lake pl.
*Wheeler, A. M., Prof.* (207 D.)
86 Trumbull st.
*Wheeler, A. S., Instr.* Tremont House
*Wheeler, H. L., Instr.* 162 S. L.
Wheeler, L. H., Sr. *m* 295 York st.
*Wheeler, L. P., Ass't.* 150 College st.
Wheeler, N. H., *f* 18 Dwight st.
Wheeler, W. M., So. *a* 111 N.
Wheelwright, J. S., Sr. *a* 122 N.
Whipple, G. H., Fr. *a* 80 Broadway
Whitaker, E. D., Jr. *a* 234 D.
White, A. B., *g* 104 Park st.
White, C. L., *g* 83 Grove st.
*White, M. C., Prof.* 48 College st.
White, R. S., So. *a* 145 F.
Whitehouse, W. F., So. *a* 31 V.
Whitin, P., Jr. *a* 60 V.
Whitney, A. F., *f* 800 Whitney av.
Whitney, E. H., *mus.* 227 Church st.
Whitney, E. M., *t* Hartford
Whitney, P., Jr. *a* 30 V.
Whitney, S. T., *mus.* 800 Whitney av.
Whittelsey, M. E., *f* 367 Prospect st.
Whittelsey, S. S., *g* 367 Prospect st.

Whittemore, E. R., Jr. *a* 234 D.
Whittemore, E. W., Jr. *a* 248 L.
Whittlesey, G. N., Fr. *a* 135 Wall st.
Wickes, F., Jr. *a* 290 W.
Wickes, H. P., Fr. *a* 537 P.
Wilcox, C. S., *mus.* Morris Cove
Wilcox, H. B., Jr. *a* 253 L.
Wilcox, H. W., Jr. *a* 23 V.
Wilcox, L., Sr. *s* 313 York st.
Wilcox, R. N., Fr. *s* 99 Wall st.
Wilder, A. A., Sr. *l* 344 Elm st.
Wildman, C. A., *t* Wallingford
Wildman, J. R. B., 1 *m* 337 George st.
Williams, A. B., Jr. *a* 158 F.
Williams, A. C., Jr. *a* 142 F.
Williams, C. H., Grad. *l* 1157 Chapel st.
Williams, C. M., *t* Meriden
*Williams, F. W., Instr.* 135 Whitney av.
Williams, H. G., Fr. *a* 149 F.
*Williams, H. S., Prof.* (6 M.) 282 Prospect st.
Williams, J. B., 1 *m* Bridgeport
Williams, J. G., 1 *m* 163 York st.
Williams, J. N., Fr. *a* A.
Williams, L. M., Jr. *a* 2 V.
Williams, M. J., *mus.* 33 Wall st.
Williams, N. A., Sr. *a* 322 W.
Williams, W. B., Fr. *a* 168 York st.
Williams, W. K., Fr. *a* 305 George st.
Williamson, F. E., Jr. *a* 41 V.
Wilson, C. H., Fr. *a* 22 College st.
Wilson, F. M., Sr. *a* 300 W.
Wilson, H., Sr. *a* 319 W.
Wilson, H. M., Jr. *a* 268 L.
Wilson, I. N. W., So. *a* 107 York st.
Wilson, J. E., So. *a* 586 P.
Wilson, O. T., Jr. *a* 66 V.
Wilson, R. R., So. *a* 291 W.
Wilson, W., Sr. *a* 246 L.
Winter, C., Sr. *a* 61 V.
Winter, K., Fr. *a* 248 York st.
Winterbotham, J. H., Sr. *a* 355 WH.
Winters, F. H., Fr. *a* 553 P.
Winthrop, H. R., Jr. *a* 33 V.
Witman, H. M., Mid. *d* 91 W. D.
Wolf, S., Fr. *s* 470 Elm st.
Wolodarsky, M., *g* 167 Kimberly av.
Wood, C., Jr. *s* 104 Wall st.
Wood, D. S., *g* A.
Wood, H. P., Fr. *a* 569 P.
Wood, S. M., Fr. *a* 294 Elm st.
Wood, W. B., Sr. *s* 117 Wall st.
Woodbridge, S. E., *g* 45 Lake pl.
Woodruff, E. S., So. *a* 397 B.
Woodruff, M. E., *t* 1 Howe st.
Woodruff, R. J., Jr. *l* 1142 Chapel st.
Woodruff, S. R., Sr. *m* 1016 Chapel st.
Woolfolk, W. G., Fr. *s* 114 High st.
Woolsey, J. M., Jr. *a* 372 WH.
*Woolsey, T. S., Prof.* 250 Church st.
Woolston, H. B., Jr. *a* 305 George st.
Worrall, W. L., Jr. *s* 88 Wall st.
Wray, C. S., Fr. *s* 59 Wall st.
*Wright, A. W., Prof.* (Sloane Lab.) 73 York sq.
Wright, B. M., Sr. *d* Orange
Wright, H. B., Jr. *a* 248 L.
*Wright, H. P., Prof.* (135 Elm st.) 128 York st.
Wright, T., So. *a* 249 L.
Wright, W. H., 1 *m* 1016 Chapel st.
*Wurts, J., Ass't. Prof.* 113 Whitney av.
Wyckoff, C. S., *g* 276 Elm st.
Wyckoff, H. J., Mid. *d* 96 W. D.
Yacobian, S. B., Mid. *d* 50 Dixwell av.
Yaggy, E. E., So. *a* 242 York st.
Yamada, T., Jr. *l* 119 Park st.
Yates, W. N., Fr. *s* 51 Lake pl.
Yeomans, F. C., Sr. *a* 104 N.
Yergason, H. B. B., So. *a* 391 B.
York, B. L., Jr. *d* 92 W. D.
Young, C. L., Sr. *s* 310 Elm st.
Young, E. H., Jr. *l* 131 High st.
Young, G. L., Fr. *a* 1076 Chapel st.
Young, H. M., So. *a* 415 B.
Young, L. M., *mus.* 131 High st.
Young, T. P., So. *a* 415 B.
Yung, M. B., Jr. *s* 311 York st.
Zabriskie, A. O., Sr. *s* 285 York st.
Zehring, B., *g* 89 Whalley av.
Zellars, E. G., Jr. *d* 77 W. D.
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